

Schema MensajeHacienda.xsd

schema location: <D:\Documents\NetBeansProjects\Ministerio de Hacienda\xml-schemas\MensajeHacienda.xsd>
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: <https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda>

Elements

[MensajeHacienda](#)

schema location: <C:\Program Files\Altova\Common2017\Schemas\xmlsig\files\xmlsig-core-schema.xsd>
attributeFormDefault:
elementFormDefault: **qualified**
targetNamespace: <http://www.w3.org/2000/09/xmlsig#>

Elements

[CanonicalizationMethod](#)
[DigestMethod](#)
[DigestValue](#)
[DSAKeyValue](#)
[KeyInfo](#)
[KeyName](#)
[KeyValue](#)
[Manifest](#)
[MgmtData](#)
[Object](#)
[PGPData](#)
[Reference](#)
[RetrievalMethod](#)
[RSAKeyValue](#)
[Signature](#)
[SignatureMethod](#)
[SignatureProperties](#)
[SignatureProperty](#)
[SignatureValue](#)
[SignedInfo](#)
[SPKIData](#)
[Transform](#)
[Transforms](#)
[X509Data](#)

Complex types

[CanonicalizationMethodType](#)
[DigestMethodType](#)
[DSAKeyValueType](#)
[KeyInfoType](#)
[KeyValueType](#)
[ManifestType](#)
[ObjectType](#)
[PGPDataType](#)
[ReferenceType](#)
[RetrievalMethodType](#)
[RSAKeyValueType](#)
[SignatureMethodType](#)
[SignaturePropertiesType](#)
[SignaturePropertyType](#)
[SignatureType](#)
[SignatureValueType](#)
[SignedInfoType](#)
[SPKIDataType](#)
[TransformsType](#)
[TransformType](#)
[X509DataType](#)
[X509IssuerSerialType](#)

Simple types

[CryptoBinary](#)
[DigestValueType](#)
[HMACOutputLengthType](#)

element MensajeHacienda

<p>diagram</p>	<p>MensajeHacienda Mensaje de uso exclusivo por parte de la Dirección General de Tributación</p> <ul style="list-style-type: none"> Clave: Clave numérica del comprobante NombreEmisor: Nombre o razón social del emisor TipoIdentificacionEmisor: Tipo de identificación: 01 Cedula Física, 02 Cedula Jurídica, 03 DIMEX, 04 NITE NumeroCedulaEmisor: Número de cédula física/jurídica/NITE/DIMEX del emisor NombreReceptor: Nombre o razón social del receptor TipoIdentificacionReceptor: Tipo de identificación: 01 Cedula Física, 02 Cedula Jurídica, 03 DIMEX, 04 NITE, 05 Otros NumeroCedulaReceptor: Número de cédula física/jurídica/NITE/DIMEX del receptor Mensaje: Código del mensaje de respuesta. 1 aceptado, 3 rechazado DetalleMensaje: Detalle del mensaje MontoTotalImpuesto: Monto total del impuesto, que es obligatorio si el comprobante tenga impuesto. TotalFactura: Monto total de la factura ds:Signature
<p>namespace</p>	<p>https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Clave NombreEmisor TipoIdentificacionEmisor NumeroCedulaEmisor NombreReceptor TipoIdentificacionReceptor NumeroCedulaReceptor Mensaje DetalleMensaje MontoTotalImpuesto TotalFactura ds:Signature</p>
<p>annotation</p>	<p>documentation Mensaje de uso exclusivo por parte de la Dirección General de Tributación</p>
<p>source</p>	<pre><xs:element name="MensajeHacienda"> <xs:annotation> <xs:documentation>Mensaje de uso exclusivo por parte de la Dirección General de Tributación</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Clave"> <xs:annotation> <xs:documentation>Clave numérica del comprobante</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

```

        <xs:pattern value="\d{50,50}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
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    <xs:annotation>
        <xs:documentation>Nombre o razón social del emisor</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="TipoIdentificacionEmisor" nillable="false">
    <xs:annotation>
        <xs:documentation>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula
Juridica, 03 DIMEX, 04 NITE</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="01">
                <xs:annotation>
                    <xs:documentation>Cedula Fisica</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="02">
                <xs:annotation>
                    <xs:documentation> Cedula Juridica</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="03">
                <xs:annotation>
                    <xs:documentation>DIMEX</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="04">
                <xs:annotation>
                    <xs:documentation>NITE</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="NumeroCedulaEmisor">
    <xs:annotation>
        <xs:documentation>Número de cédula fisica/jurídica/NITE/DIMEX del
emisor</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="\d{9,12}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

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<xs:element name="NombreReceptor" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Nombre o razon social del
receptor</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="80"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="TipoIdentificacionReceptor" nillable="false"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula
Juridica, 03 DIMEX, 04 NITE, 05 Otros</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>Cedula Fisica</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation> Cedula Juridica</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>DIMEX</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>NITE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>Otros</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="NumeroCedulaReceptor" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Número de cédula fisica/jurídica/NITE/DIMEX del
receptor</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```


```

        <xs:pattern value="\d{9,12}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Mensaje">
    <xs:annotation>
        <xs:documentation>Codigo del mensaje de respuesta. 1 aceptado, 3
rechazado</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:integer">
            <xs:enumeration value="1">
                <xs:annotation>
                    <xs:documentation>Aceptado</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="3">
                <xs:annotation>
                    <xs:documentation>Rechazado</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="DetalleMensaje">
    <xs:annotation>
        <xs:documentation>Detalle del mensaje</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string"/>
    </xs:simpleType>
</xs:element>
<xs:element name="MontoTotalImpuesto" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Monto total del impuesto, que es obligatorio si el
comprobante tenga impuesto.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:totalDigits value="18"/>
            <xs:fractionDigits value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="TotalFactura">
    <xs:annotation>
        <xs:documentation>Monto total de la factura</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:totalDigits value="18"/>
            <xs:fractionDigits value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

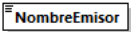
```

	<pre> <xs:element ref="ds:Signature" minOccurs="1" maxOccurs="1"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **MensajeHacienda/Clave**

diagram	 <p>Clave numérica del comprobante</p>						
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>\d{50,50}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	\d{50,50}	
Kind	Value	Annotation					
pattern	\d{50,50}						
annotation	documentation Clave numérica del comprobante						
source	<pre> <xs:element name="Clave"> <xs:annotation> <xs:documentation>Clave numérica del comprobante</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{50,50}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **MensajeHacienda/NombreEmisor**

diagram	 <p>Nombre o razón social del emisor</p>						
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	80	
Kind	Value	Annotation					
maxLength	80						
annotation	documentation Nombre o razón social del emisor						
source	<pre> <xs:element name="NombreEmisor"> <xs:annotation> <xs:documentation>Nombre o razón social del emisor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> </xs:restriction> </pre>						

```

</xs:simpleType>
</xs:element>

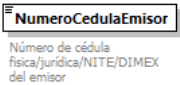
```

element **MensajeHacienda/TipoIdentificacionEmisor**

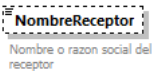
diagram	<p>TipoIdentificacionEmisor Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE</p>															
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda															
type	restriction of xs:string															
properties	content simple nillable false															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation Cedula Fisica</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Cedula Juridica</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation DIMEX</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation NITE</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01	documentation Cedula Fisica	enumeration	02	documentation Cedula Juridica	enumeration	03	documentation DIMEX	enumeration	04	documentation NITE
Kind	Value	Annotation														
enumeration	01	documentation Cedula Fisica														
enumeration	02	documentation Cedula Juridica														
enumeration	03	documentation DIMEX														
enumeration	04	documentation NITE														
annotation	documentation Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE															
source	<pre> <xs:element name="TipoIdentificacionEmisor" nillable="false"> <xs:annotation> <xs:documentation>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Cedula Fisica</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation> Cedula Juridica</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>DIMEX</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>NITE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>															

	<code></xs:element></code>
--	----------------------------------

element MensajeHacienda/NumeroCedulaEmisor

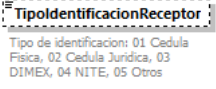
diagram	 <p>NumeroCedulaEmisor Número de cédula física/jurídica/NITE/DIMEX del emisor</p>						
namespace	<code>https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda</code>						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>pattern</td><td><code>\d{9,12}</code></td><td></td></tr></tbody></table>	Kind	Value	Annotation	pattern	<code>\d{9,12}</code>	
Kind	Value	Annotation					
pattern	<code>\d{9,12}</code>						
annotation	documentation Número de cédula física/jurídica/NITE/DIMEX del emisor						
source	<pre><xs:element name="NumeroCedulaEmisor"> <xs:annotation> <xs:documentation>Número de cédula física/jurídica/NITE/DIMEX del emisor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{9,12}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element MensajeHacienda/NombreReceptor

diagram	 <p>NombreReceptor Nombre o razon social del receptor</p>						
namespace	<code>https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda</code>						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>maxLength</td><td>80</td><td></td></tr></tbody></table>	Kind	Value	Annotation	maxLength	80	
Kind	Value	Annotation					
maxLength	80						
annotation	documentation Nombre o razon social del receptor						
source	<pre><xs:element name="NombreReceptor" minOccurs="0"> <xs:annotation> <xs:documentation>Nombre o razon social del receptor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

</xs:element>

element **MensajeHacienda/TipoIdentificacionReceptor**

diagram	 <p>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros</p>																		
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda																		
type	restriction of xs:string																		
properties	minOcc 0 maxOcc 1 content simple nillable false																		
facets	<table border="1"><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>01</td><td>documentation Cedula Fisica</td></tr><tr><td>enumeration</td><td>02</td><td>documentation Cedula Juridica</td></tr><tr><td>enumeration</td><td>03</td><td>documentation DIMEX</td></tr><tr><td>enumeration</td><td>04</td><td>documentation NITE</td></tr><tr><td>enumeration</td><td>05</td><td>documentation Otros</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	01	documentation Cedula Fisica	enumeration	02	documentation Cedula Juridica	enumeration	03	documentation DIMEX	enumeration	04	documentation NITE	enumeration	05	documentation Otros
Kind	Value	Annotation																	
enumeration	01	documentation Cedula Fisica																	
enumeration	02	documentation Cedula Juridica																	
enumeration	03	documentation DIMEX																	
enumeration	04	documentation NITE																	
enumeration	05	documentation Otros																	
annotation	documentation Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros																		
source	<pre><xs:element name="TipoIdentificacionReceptor" nillable="false" minOccurs="0"> <xs:annotation> <xs:documentation>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Cedula Fisica</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation> Cedula Juridica</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>DIMEX</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>NITE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>																		

	<pre> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Otros</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **MensajeHacienda/NumeroCedulaReceptor**

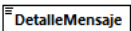
diagram										
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d{9,12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12		pattern	\d{9,12}	
Kind	Value	Annotation								
maxLength	12									
pattern	\d{9,12}									
annotation	documentation Número de cédula física/jurídica/NITE/DIMEX del receptor									
source	<pre> <xs:element name="NumeroCedulaReceptor" minOccurs="0"> <xs:annotation> <xs:documentation>Número de cédula física/jurídica/NITE/DIMEX del receptor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="\d{9,12}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **MensajeHacienda/Mensaje**

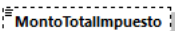
diagram										
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Aceptado</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Aceptado	enumeration	3	documentation
Kind	Value	Annotation								
enumeration	1	documentation Aceptado								
enumeration	3	documentation								

	Rechazado
annotation	documentation Codigo del mensaje de respuesta. 1 aceptado, 3 rechazado
source	<pre> <xs:element name="Mensaje"> <xs:annotation> <xs:documentation>Codigo del mensaje de respuesta. 1 aceptado, 3 rechazado</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Aceptado</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Rechazado</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MensajeHacienda/DetalleMensaje**


diagram	 Detalle del mensaje
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda
type	restriction of xs:string
properties	content simple
annotation	documentation Detalle del mensaje
source	<pre> <xs:element name="DetalleMensaje"> <xs:annotation> <xs:documentation>Detalle del mensaje</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>

element **MensajeHacienda/MontoTotalImpuesto**

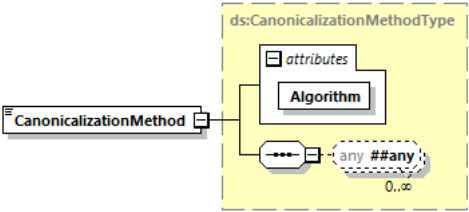
diagram	 Monto total del impuesto, que es obligatorio si el comprobante tenga impuesto.
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda

type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	5	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	5									
annotation	documentation Monto total del impuesto, que es obligatorio si el comprobante tenga impuesto.									
source	<pre><xs:element name="MontoTotalImpuesto" minOccurs="0"> <xs:annotation> <xs:documentation>Monto total del impuesto, que es obligatorio si el comprobante tenga impuesto.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

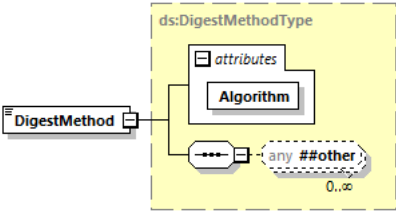
element **MensajeHacienda/TotalFactura**

diagram										
namespace	https://tribunet.hacienda.go.cr/docs/esquemas/2017/v4.2/mensajeHacienda									
type	restriction of xs:decimal									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	5	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	5									
annotation	documentation Monto total de la factura									
source	<pre><xs:element name="TotalFactura"> <xs:annotation> <xs:documentation>Monto total de la factura</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **CanonicalizationMethod**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:CanonicalizationMethodType					
properties	content	complex				
	mixed	true				
used by	complexType	SignedInfoType				
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<code><xs:element name="CanonicalizationMethod" type="ds:CanonicalizationMethodType"/></code>					

element **DigestMethod**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:DigestMethodType					
properties	content	complex				
	mixed	true				
used by	complexType	ReferenceType				
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<code><xs:element name="DigestMethod" type="ds:DigestMethodType"/></code>					

element **DigestValue**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:DigestValueType					
properties	content	simple				
used by	complexType	ReferenceType				
source	<code><xs:element name="DigestValue" type="ds:DigestValueType"/></code>					

element **DSAKeyValue**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:DSAKeyValueComplexType
properties	content complex
children	ds:P ds:Q ds:G ds:Y ds:J ds:Seed ds:PgenCounter
used by	complexType KeyValueComplexType
source	<code><xs:element name="DSAKeyValue" type="ds:DSAKeyValueComplexType"/></code>

element **KeyInfo**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:KeyInfoComplexType
properties	content complex mixed true
children	ds:KeyName ds:KeyValue ds:RetrievalMethod ds:X509Data ds:PGPData ds:SPKIData ds:MgmtData
used by	complexType SignatureComplexType

attributes	Name Id	Type xs:ID	Use optional	Default	Fixed	Annotation
source	<code><xs:element name="KeyInfo" type="ds:KeyInfoType"/></code>					

element **KeyName**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string
properties	content simple
used by	complexType KeyInfoType
source	<code><xs:element name="KeyName" type="string"/></code>

element **KeyValue**


diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:KeyValue
properties	content complex mixed true
children	ds:DSAKeyValue ds:RSAKeyValue
used by	complexType KeyInfoType
source	<code><xs:element name="KeyValue" type="ds:KeyValueType"/></code>

element **Manifest**

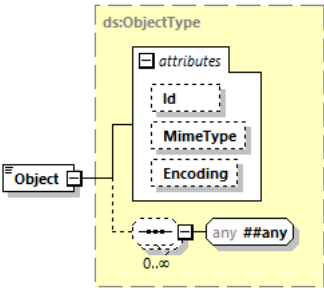
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:Manifest
properties	content complex

children	ds:Reference												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional			
Name	Type	Use	Default	Fixed	Annotation								
Id	xs:ID	optional											
source	<code><xs:element name="Manifest" type="ds:ManifestType"/></code>												

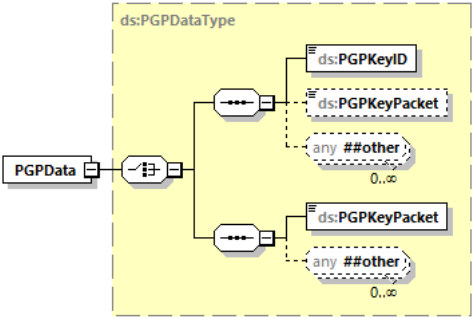
element **MgmtData**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string
properties	content simple
used by	complexType KeyInfoType
source	<code><xs:element name="MgmtData" type="string"/></code>

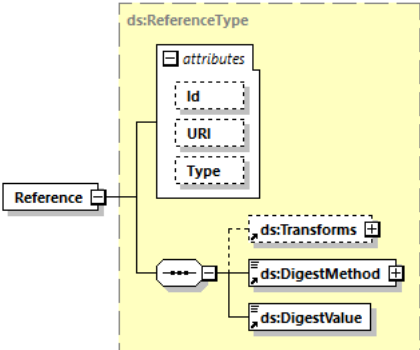
element **Object**

diagram																									
namespace	http://www.w3.org/2000/09/xmldsig#																								
type	ds:ObjectType																								
properties	content complex mixed true																								
used by	complexType SignatureType																								
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MimeType</td> <td>xs:string</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Encoding</td> <td>xs:anyURI</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional				MimeType	xs:string	optional				Encoding	xs:anyURI	optional			
Name	Type	Use	Default	Fixed	Annotation																				
Id	xs:ID	optional																							
MimeType	xs:string	optional																							
Encoding	xs:anyURI	optional																							
source	<code><xs:element name="Object" type="ds:ObjectType"/></code>																								

element **PGPData**

diagram	 <p>The diagram shows the structure of the <code>ds:PGPDataType</code> element. It is a complex type containing a sequence of elements: <code>ds:PGPKeyID</code>, <code>ds:PGPKeyPacket</code>, and <code>any ##other</code> (with cardinality 0..∞). This sequence is repeated twice, as indicated by the two parallel paths from the root <code>PGPData</code> element.</p>
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:PGPDataType
properties	content complex
children	ds:PGPKeyID ds:PGPKeyPacket ds:PGPKeyPacket
used by	complexType KeyInfoType
source	<code><xs:element name="PGPData" type="ds:PGPDataType"/></code>

element **Reference**

diagram	 <p>The diagram shows the structure of the <code>ds:ReferenceType</code> element. It is a complex type containing an <code>attributes</code> group with <code>Id</code>, <code>URI</code>, and <code>Type</code> attributes. It also contains a sequence of elements: <code>ds:Transforms</code>, <code>ds:DigestMethod</code>, and <code>ds:DigestValue</code>.</p>																								
namespace	http://www.w3.org/2000/09/xmldsig#																								
type	ds:ReferenceType																								
properties	content complex																								
children	ds:Transforms ds:DigestMethod ds:DigestValue																								
used by	complexType ManifestType SignedInfoType																								
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> <tr> <td>URI</td> <td>xs:anyURI</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td>xs:anyURI</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional				URI	xs:anyURI	optional				Type	xs:anyURI	optional			
Name	Type	Use	Default	Fixed	Annotation																				
Id	xs:ID	optional																							
URI	xs:anyURI	optional																							
Type	xs:anyURI	optional																							
source	<code><xs:element name="Reference" type="ds:ReferenceType"/></code>																								

element **RetrievalMethod**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:RetrievalMethodType					
properties	content complex					
children	ds:Transforms					
used by	complexType KeyInfoType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	URI	xs:anyURI				
	Type	xs:anyURI	optional			
source	<code><xs:element name="RetrievalMethod" type="ds:RetrievalMethodType"/></code>					

element **RSAKeyValue**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:RSAKeyValue					
properties	content complex					
children	ds:Modulus ds:Exponent					
used by	complexType KeyValue					
source	<code><xs:element name="RSAKeyValue" type="ds:RSAKeyValue"/></code>					

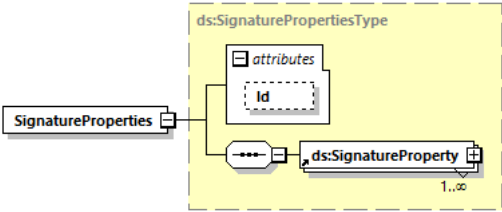
element **Signature**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignatureType					
properties	content complex					
children	ds:SignedInfo ds:SignatureValue ds:KeyInfo ds:Object					
used by	element MensajeHacienda					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
source	<code><xs:element name="Signature" type="ds:SignatureType"/></code>					

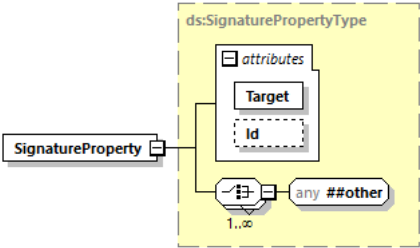
element **SignatureMethod**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignatureMethodType					
properties	content complex mixed true					
children	ds:HMACOutputLength					
used by	complexType SignedInfoType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<code><xs:element name="SignatureMethod" type="ds:SignatureMethodType"/></code>					

element **SignatureProperties**

diagram	 <p>The diagram shows the SignatureProperties element connected to the ds:SignaturePropertiesType complex type. This type contains an attributes container with an Id attribute and a ds:SignatureProperty child element. The ds:SignatureProperty element is shown with a cardinality of 1..∞.</p>					
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignaturePropertiesType					
properties	content complex					
children	ds:SignatureProperty					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
source	<code><xs:element name="SignatureProperties" type="ds:SignaturePropertiesType"/></code>					

element **SignatureProperty**

diagram	 <p>The diagram shows the SignatureProperty element connected to the ds:SignaturePropertyType complex type. This type contains an attributes container with Target and Id attributes, and an any ##other child element. The any ##other element is shown with a cardinality of 1..∞.</p>					
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignaturePropertyType					
properties	content complex mixed true					
used by	complexType SignaturePropertiesType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Target	xs:anyURI	required			
	Id	xs:ID	optional			
source	<code><xs:element name="SignatureProperty" type="ds:SignaturePropertyType"/></code>					

element **SignatureValue**

diagram	 <p>The diagram shows the SignatureValue element connected to the ds:SignatureValueType complex type. This type contains an attributes container with an Id attribute.</p>					
namespace	http://www.w3.org/2000/09/xmldsig#					

type	ds:SignatureValueType					
properties	content complex					
used by	complexType SignatureType					
attributes	Name Id	Type xs:ID	Use optional	Default	Fixed	Annotation
source	<code><xs:element name="SignatureValue" type="ds:SignatureValueType"/></code>					

element **SignedInfo**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignedInfoType					
properties	content complex					
children	ds:CanonicalizationMethod ds:SignatureMethod ds:Reference					
used by	complexType SignatureType					
attributes	Name Id	Type xs:ID	Use optional	Default	Fixed	Annotation
source	<code><xs:element name="SignedInfo" type="ds:SignedInfoType"/></code>					

element **SPKIData**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SPKIDataType					
properties	content complex					
children	ds:SPKISexp					
used by	complexType KeyInfoType					
source	<code><xs:element name="SPKIData" type="ds:SPKIDataType"/></code>					

element Transform

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:TransformType					
properties	content	complex				
	mixed	true				
children	ds:XPath					
used by	complexType	TransformsType				
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<code><xs:element name="Transform" type="ds:TransformType"/></code>					

element Transforms

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:TransformsType					
properties	content	complex				
children	ds:Transform					
used by	complexType	ReferenceType RetrievalMethodType				
source	<code><xs:element name="Transforms" type="ds:TransformsType"/></code>					

element **X509Data**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:X509DataType
properties	content complex
children	ds:X509IssuerSerial ds:X509SKI ds:X509SubjectName ds:X509Certificate ds:X509CRL
used by	complexType KeyInfoType
source	<code><xs:element name="X509Data" type="ds:X509DataType"/></code>

complexType **CanonicalizationMethodType**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
properties	mixed true												
used by	element CanonicalizationMethod												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Algorithm</td> <td>xs:anyURI</td> <td>required</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Algorithm	xs:anyURI	required			
Name	Type	Use	Default	Fixed	Annotation								
Algorithm	xs:anyURI	required											
source	<pre><xs:complexType name="CanonicalizationMethodType" mixed="true"> <xs:sequence> <xs:any namespace="##any" minOccurs="0" maxOccurs="unbounded"/> <!-- (0,unbounded) elements from (1,1) namespace --> </xs:sequence> <xs:attribute name="Algorithm" type="anyURI" use="required"/> </xs:complexType></pre>												

attribute **CanonicalizationMethodType/@Algorithm**

type	xs:anyURI
properties	use required
source	<code><xs:attribute name="Algorithm" type="anyURI" use="required"/></code>

complexType **DigestMethodType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
properties	mixed true					
used by	element DigestMethod					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<pre><xs:complexType name="DigestMethodType" mixed="true"> <xs:sequence> <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Algorithm" type="anyURI" use="required"/> </xs:complexType></pre>					

attribute **DigestMethodType/@Algorithm**

type	xs:anyURI
properties	use required
source	<pre><xs:attribute name="Algorithm" type="anyURI" use="required"/></pre>

complexType **DSAKeyValue**


diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
children	ds:P ds:Q ds:G ds:Y ds:J ds:Seed ds:PgenCounter					
used by	element DSAKeyValue					
source	<pre><xs:complexType name="DSAKeyValue"> <xs:sequence> <xs:sequence minOccurs="0"></pre>					


```


<xs:element name="P" type="ds:CryptoBinary"/>
<xs:element name="Q" type="ds:CryptoBinary"/>
</xs:sequence>
<xs:element name="G" type="ds:CryptoBinary" minOccurs="0"/>
<xs:element name="Y" type="ds:CryptoBinary"/>
<xs:element name="J" type="ds:CryptoBinary" minOccurs="0"/>
<xs:sequence minOccurs="0">
  <xs:element name="Seed" type="ds:CryptoBinary"/>
  <xs:element name="PgenCounter" type="ds:CryptoBinary"/>
</xs:sequence>
</xs:sequence>
</xs:complexType>

```


element **DSAKeyValue/P**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="P" type="ds:CryptoBinary"/></code>


element **DSAKeyValue/Q**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="Q" type="ds:CryptoBinary"/></code>


element **DSAKeyValue/G**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="G" type="ds:CryptoBinary" minOccurs="0"/></code>


element **DSAKeyValue/Y**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="Y" type="ds:CryptoBinary"/></code>

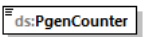
element **DSAKeyValue/J**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="J" type="ds:CryptoBinary" minOccurs="0"/></code>

element **DSAKeyValue/Seed**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="Seed" type="ds:CryptoBinary"/></code>

element **DSAKeyValue/PgenCounter**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="PgenCounter" type="ds:CryptoBinary"/></code>

complexType **KeyInfoType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
properties	mixed true					
children	ds:KeyName ds:KeyValue ds:RetrievalMethod ds:X509Data ds:PGPData ds:SPKIData ds:MgmtData					
used by	element KeyInfo					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
source	<pre> <xs:complexType name="KeyInfoType" mixed="true"> <xs:choice maxOccurs="unbounded"> <xs:element ref="ds:KeyName"/> <xs:element ref="ds:KeyValue"/> <xs:element ref="ds:RetrievalMethod"/> <xs:element ref="ds:X509Data"/> <xs:element ref="ds:PGPData"/> <xs:element ref="ds:SPKIData"/> <xs:element ref="ds:MgmtData"/> <xs:any namespace="##other" processContents="lax"/> <!-- (1,1) elements from (0,unbounded) namespaces --> </xs:choice> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType> </pre>					

attribute **KeyInfoType/@Id**

type	xs:ID
properties	use optional
source	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

complexType **KeyValue**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
properties	mixed true
children	ds:DSAKeyValue ds:RSAKeyValue
used by	element KeyValue
source	<pre><xs:complexType name="KeyValue" mixed="true"> <xs:choice> <xs:element ref="ds:DSAKeyValue"/> <xs:element ref="ds:RSAKeyValue"/> <xs:any namespace="##other" processContents="lax"/> </xs:choice> </xs:complexType></pre>

complexType **Manifest**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
children	ds:Reference												
used by	element Manifest												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional			
Name	Type	Use	Default	Fixed	Annotation								
Id	xs:ID	optional											
source	<pre><xs:complexType name="Manifest"> <xs:sequence> <xs:element ref="ds:Reference" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType></pre>												

attribute **Manifest/@Id**

type	xs:ID
properties	use optional
source	<pre><xs:attribute name="Id" type="ID" use="optional"/></pre>

complexType **ObjectType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
properties	mixed true					
used by	element Object					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
	MimeType	xs:string	optional			
	Encoding	xs:anyURI	optional			
source	<pre><xs:complexType name="ObjectType" mixed="true"> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:any namespace="##any" processContents="lax"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> <xs:attribute name="MimeType" type="string" use="optional"/> <xs:attribute name="Encoding" type="anyURI" use="optional"/> <!-- add a grep facet --> </xs:complexType></pre>					

attribute **ObjectType/@Id**

type	xs:ID
properties	use optional
source	<pre><xs:attribute name="Id" type="ID" use="optional"/></pre>

attribute **ObjectType/@MimeType**

type	xs:string
properties	use optional
source	<pre><xs:attribute name="MimeType" type="string" use="optional"/></pre>

attribute **ObjectType/@Encoding**

type	xs:anyURI
properties	use optional
source	<pre><xs:attribute name="Encoding" type="anyURI" use="optional"/></pre>

complexType **PGPDataType**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:PGPKeyID ds:PGPKeyPacket ds:PGPKeyPacket
used by	element PGPData
source	<pre> <xs:complexType name="PGPDataType"> <xs:choice> <xs:sequence> <xs:element name="PGPKeyID" type="base64Binary"/> <xs:element name="PGPKeyPacket" type="base64Binary" minOccurs="0"/> <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:sequence> <xs:element name="PGPKeyPacket" type="base64Binary"/> <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:choice> </xs:complexType> </pre>

element **PGPDataType/PGPKeyID**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<pre><xs:element name="PGPKeyID" type="base64Binary"/></pre>

element **PGPDataType/PGPKeyPacket**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	minOcc 0 maxOcc 1

	content simple
source	<code><xs:element name="PGPKeyPacket" type="base64Binary" minOccurs="0"/></code>

element **PGPDataType/PGPKeyPacket**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<code><xs:element name="PGPKeyPacket" type="base64Binary"/></code>

complexType **ReferenceType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
children	ds:Transforms ds:DigestMethod ds:DigestValue					
used by	element Reference					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
	URI	xs:anyURI	optional			
	Type	xs:anyURI	optional			
source	<pre> <xs:complexType name="ReferenceType"> <xs:sequence> <xs:element ref="ds:Transforms" minOccurs="0"/> <xs:element ref="ds:DigestMethod"/> <xs:element ref="ds:DigestValue"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> <xs:attribute name="URI" type="anyURI" use="optional"/> <xs:attribute name="Type" type="anyURI" use="optional"/> </xs:complexType> </pre>					

attribute **ReferenceType/@Id**

type	xs:ID
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properties	use optional
source	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

attribute **ReferenceType/@URI**

type	xs:anyURI
properties	use optional
source	<code><xs:attribute name="URI" type="anyURI" use="optional"/></code>

attribute **ReferenceType/@Type**

type	xs:anyURI
properties	use optional
source	<code><xs:attribute name="Type" type="anyURI" use="optional"/></code>

complexType **RetrievalMethodType**

diagram						
namespace	http://www.w3.org/2000/09/xmlsig#					
children	ds:Transforms					
used by	element RetrievalMethod					
attributes	Name	Type	Use	Default	Fixed	Annotation
	URI	xs:anyURI				
	Type	xs:anyURI	optional			
source	<pre> <xs:complexType name="RetrievalMethodType"> <xs:sequence> <xs:element ref="ds:Transforms" minOccurs="0"/> </xs:sequence> <xs:attribute name="URI" type="anyURI"/> <xs:attribute name="Type" type="anyURI" use="optional"/> </xs:complexType> </pre>					

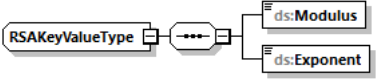
attribute **RetrievalMethodType/@URI**

type	xs:anyURI
source	<code><xs:attribute name="URI" type="anyURI"/></code>

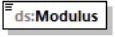
attribute **RetrievalMethodType/@Type**

type	xs:anyURI
properties	use optional
source	<code><xs:attribute name="Type" type="anyURI" use="optional"/></code>


complexType **RSAKeyValue**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:Modulus ds:Exponent
used by	element RSAKeyValue
source	<code><xs:complexType name="RSAKeyValue"> <xs:sequence> <xs:element name="Modulus" type="ds:CryptoBinary"/> <xs:element name="Exponent" type="ds:CryptoBinary"/> </xs:sequence> </xs:complexType></code>

element **RSAKeyValue/Modulus**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="Modulus" type="ds:CryptoBinary"/></code>

element **RSAKeyValue/Exponent**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<code><xs:element name="Exponent" type="ds:CryptoBinary"/></code>

complexType **SignatureMethodType**

diagram							
namespace	http://www.w3.org/2000/09/xmldsig#						
properties	mixed true						
children	ds:HMACOutputLength						
used by	element SignatureMethod						
attributes	Name	Type	Use	Default	Fixed	Annotation	
	Algorithm	xs:anyURI	required				
source	<pre><xs:complexType name="SignatureMethodType" mixed="true"> <xs:sequence> <xs:element name="HMACOutputLength" type="ds:HMACOutputLengthType" minOccurs="0"/> <xs:any namespace="##other" minOccurs="0" maxOccurs="unbounded"/> <!-- (0,unbounded) elements from (1,1) external namespace --> </xs:sequence> <xs:attribute name="Algorithm" type="anyURI" use="required"/> </xs:complexType></pre>						

attribute **SignatureMethodType/@Algorithm**

type	xs:anyURI
properties	use required
source	<pre><xs:attribute name="Algorithm" type="anyURI" use="required"/></pre>

element **SignatureMethodType/HMACOutputLength**

diagram							
namespace	http://www.w3.org/2000/09/xmldsig#						
type	ds:HMACOutputLengthType						
properties	minOcc	0	maxOcc	1	content	simple	
source	<pre><xs:element name="HMACOutputLength" type="ds:HMACOutputLengthType" minOccurs="0"/></pre>						

complexType **SignaturePropertiesType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
children	ds:SignatureProperty					
used by	element SignatureProperties					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
source	<pre><xs:complexType name="SignaturePropertiesType"> <xs:sequence> <xs:element ref="ds:SignatureProperty" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType></pre>					

attribute **SignaturePropertiesType/@Id**

type	xs:ID
properties	use optional
source	<pre><xs:attribute name="Id" type="ID" use="optional"/></pre>

complexType **SignaturePropertyType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
properties	mixed true					
used by	element SignatureProperty					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Target	xs:anyURI	required			
	Id	xs:ID	optional			
source	<pre><xs:complexType name="SignaturePropertyType" mixed="true"> <xs:choice maxOccurs="unbounded"> <xs:any namespace="##other" processContents="lax"/> <!-- (1,1) elements from (1,unbounded) namespaces --> </xs:choice> <xs:attribute name="Target" type="anyURI" use="required"/> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType></pre>					

	<code></xs:complexType></code>
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attribute **SignaturePropertyType/@Target**

type	xs:anyURI
properties	use required
source	<code><xs:attribute name="Target" type="anyURI" use="required"/></code>

attribute **SignaturePropertyType/@Id**

type	xs:ID
properties	use optional
source	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

complexType **SignatureType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
children	ds:SignedInfo ds:SignatureValue ds:KeyInfo ds:Object					
used by	element Signature					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
source	<pre> <xs:complexType name="SignatureType"> <xs:sequence> <xs:element ref="ds:SignedInfo"/> <xs:element ref="ds:SignatureValue"/> <xs:element ref="ds:KeyInfo" minOccurs="0"/> <xs:element ref="ds:Object" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType> </pre>					

attribute **SignatureType/@Id**

type	xs:ID
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properties	use optional
source	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

complexType **SignatureValueType**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
type	extension of xs:base64Binary												
properties	base base64Binary												
used by	element SignatureValue												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional			
Name	Type	Use	Default	Fixed	Annotation								
Id	xs:ID	optional											
source	<pre> <xs:complexType name="SignatureValueType"> <xs:simpleContent> <xs:extension base="base64Binary"> <xs:attribute name="Id" type="ID" use="optional"/> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>												

attribute **SignatureValueType/@Id**

type	xs:ID
properties	use optional
source	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

complexType **SignedInfoType**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
children	ds:CanonicalizationMethod ds:SignatureMethod ds:Reference												
used by	element SignedInfo												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>Id</td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	Id	xs:ID	optional			
Name	Type	Use	Default	Fixed	Annotation								
Id	xs:ID	optional											

source	<pre><xs:complexType name="SignedInfoType"> <xs:sequence> <xs:element ref="ds:CanonicalizationMethod"/> <xs:element ref="ds:SignatureMethod"/> <xs:element ref="ds:Reference" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType></pre>
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attribute **SignedInfoType/@Id**

type	xs:ID
properties	use optional
source	<pre><xs:attribute name="Id" type="ID" use="optional"/></pre>

complexType **SPKIDataType**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:SPKISexp
used by	element SPKIData
source	<pre><xs:complexType name="SPKIDataType"> <xs:sequence maxOccurs="unbounded"> <xs:element name="SPKISexp" type="base64Binary"/> <xs:any namespace="##other" processContents="lax" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

element **SPKIDataType/SPKISexp**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<pre><xs:element name="SPKISexp" type="base64Binary"/></pre>

complexType **TransformsType**

diagram	
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namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:Transform
used by	element Transforms
source	<pre><xs:complexType name="TransformsType"> <xs:sequence> <xs:element ref="ds:Transform" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>

complexType **TransformType**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
properties	mixed true					
children	ds:XPath					
used by	element Transform					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Algorithm	xs:anyURI	required			
source	<pre><xs:complexType name="TransformType" mixed="true"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:any namespace="##other" processContents="lax"/> <!-- (1,1) elements from (0,unbounded) namespaces --> <xs:element name="XPath" type="string"/> </xs:choice> <xs:attribute name="Algorithm" type="anyURI" use="required"/> </xs:complexType></pre>					

attribute **TransformType/@Algorithm**

type	xs:anyURI
properties	use required
source	<pre><xs:attribute name="Algorithm" type="anyURI" use="required"/></pre>

element **TransformType/XPath**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string

properties	content simple
source	<code><xs:element name="XPath" type="string"/></code>

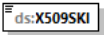
complexType **X509DataType**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:X509IssuerSerial ds:X509SKI ds:X509SubjectName ds:X509Certificate ds:X509CRL
used by	element X509Data
source	<pre> <xs:complexType name="X509DataType"> <xs:sequence maxOccurs="unbounded"> <xs:choice> <xs:element name="X509IssuerSerial" type="ds:X509IssuerSerialType"/> <xs:element name="X509SKI" type="base64Binary"/> <xs:element name="X509SubjectName" type="string"/> <xs:element name="X509Certificate" type="base64Binary"/> <xs:element name="X509CRL" type="base64Binary"/> <xs:any namespace="##other" processContents="lax"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>

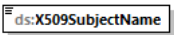
element **X509DataType/X509IssuerSerial**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:X509IssuerSerialType
properties	content complex
children	ds:X509IssuerName ds:X509SerialNumber
source	<code><xs:element name="X509IssuerSerial" type="ds:X509IssuerSerialType"/></code>


element **X509DataType/X509SKI**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<code><xs:element name="X509SKI" type="base64Binary"/></code>

element **X509DataType/X509SubjectName**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string
properties	content simple
source	<code><xs:element name="X509SubjectName" type="string"/></code>

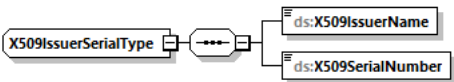
element **X509DataType/X509Certificate**

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<code><xs:element name="X509Certificate" type="base64Binary"/></code>

element **X509DataType/X509CRL**

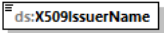
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<code><xs:element name="X509CRL" type="base64Binary"/></code>

complexType **X509IssuerSerialType**

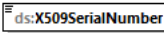
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#

children	ds:X509IssuerName ds:X509SerialNumber
used by	element X509DataType/X509IssuerSerial
source	<pre><xs:complexType name="X509IssuerSerialType"> <xs:sequence> <xs:element name="X509IssuerName" type="string"/> <xs:element name="X509SerialNumber" type="integer"/> </xs:sequence> </xs:complexType></pre>

element [X509IssuerSerialType/X509IssuerName](#)

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string
properties	content simple
source	<pre><xs:element name="X509IssuerName" type="string"/></pre>

element [X509IssuerSerialType/X509SerialNumber](#)

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:integer
properties	content simple
source	<pre><xs:element name="X509SerialNumber" type="integer"/></pre>

simpleType **CryptoBinary**

namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	base base64Binary
used by	elements RSAKeyValue/Exponent DSAKeyValue/G DSAKeyValue/J RSAKeyValue/Modulus DSAKeyValue/P DSAKeyValue/PgenCounter DSAKeyValue/Q DSAKeyValue/Seed DSAKeyValue/Y
source	<pre><xs:simpleType name="CryptoBinary"> <xs:restriction base="base64Binary"/> </xs:simpleType></pre>

simpleType **DigestValueType**

namespace	http://www.w3.org/2000/09/xmldsig#
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type	xs:base64Binary
properties	base base64Binary
used by	element DigestValue
source	<pre><xs:simpleType name="DigestValueType"> <xs:restriction base="base64Binary"/> </xs:simpleType></pre>

simpleType **HMACOutputLengthType**

namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:integer
properties	base integer
used by	element SignatureMethodType/HMACOutputLength
source	<pre><xs:simpleType name="HMACOutputLengthType"> <xs:restriction base="integer"/> </xs:simpleType></pre>