

Schema MensajeHacienda.xsd

schema location: <e:\Documents\NetBeansProjects\Ministerio de Hacienda\xml-schemas\MensajeHacienda.xsd>
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: <https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda>

Elements

[MensajeHacienda](#)

schema location: <C:\Program Files\Altova\Common2016\Schemas\xmlsig\files\xmlsig-core-schema.xsd>
attributeFormDefault:
elementFormDefault: **qualified**
targetNamespace: <http://www.w3.org/2000/09/xmlsig#>

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[DigestMethod](#)

[DigestValue](#)

[DSAKeyValue](#)

[KeyInfo](#)

[KeyName](#)

[KeyValue](#)

[Manifest](#)

[MgmtData](#)

[Object](#)

[PGPData](#)

[Reference](#)

[RetrievalMethod](#)

[RSAKeyValue](#)

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[SignatureProperties](#)

[SignatureProperty](#)

[SignatureValue](#)

[SignedInfo](#)

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[Transform](#)

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[X509Data](#)

Complex types

[CanonicalizationMethodType](#)

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[TransformType](#)

[X509DataType](#)

[X509IssuerSerialType](#)

Simple types

[CryptoBinary](#)

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[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 Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros NumeroCedulaEmisor Número de cédula física/jurídica/NITE/DIMEX del emisor NombreReceptor Nombre o razon social del receptor TipoidentificacionReceptor Tipo de identificación: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros NumeroCedulaReceptor Número de cédula física/jurídica/NITE/DIMEX del receptor Mensaje Codigo 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://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/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>

annotation	documentation Mensaje de uso exclusivo por parte de la Direccion General de Tributación
source	<pre> <xs:element name="MensajeHacienda"> <xs:annotation> <xs:documentation>Mensaje de uso exclusivo por parte de la Direccion 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"> <xs:pattern value="\d{50,50}"/> </xs:restriction> </xs:simpleType> </xs:element> <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> </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, 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> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

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    <xs:documentation>Otros</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<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:integer">
      <xs:totalDigits value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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  <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:restriction>
  </xs:simpleType>
</xs:element>

```

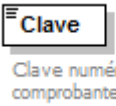
```

    <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 física/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: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:maxLength value="80"/>
    </xs:restriction>
  </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">

```

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

diagram							
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/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	
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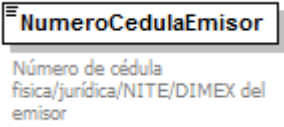
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>80</td> <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> </xs:simpleType> </xs:element></pre>						

element MensajeHacienda/TipoidentificacionEmisor

diagram																			
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/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> <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="TipoidentificacionEmisor" nillable="false"> <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"></pre>																		

	<pre> <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> </pre>
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element MensajeHacienda/NumeroCedulaEmisor

diagram							
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/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>totalDigits</td> <td>12</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	12	
Kind	Value	Annotation					
totalDigits	12						
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:integer"> <xs:totalDigits value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **MensajeHacienda/NombreReceptor**

diagram							
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </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>						

element **MensajeHacienda/TipoidentificacionReceptor**

diagram																			
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda																		
type	restriction of xs:string																		
properties	minOcc 0 maxOcc 1 content simple nillable false																		
facets	<table border="0"> <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></pre>																		

```

<xs:simpleType>
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    <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">
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      </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>

```

element MensajeHacienda/NumeroCedulaReceptor


diagram	
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12
annotation	documentation Número de cédula física/jurídica/NITE/DIMEX del receptor
source	<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">

	<pre> <xs:maxLength value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **MensajeHacienda/Mensaje**

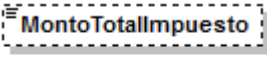
diagram										
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Aceptado</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Rechazado</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Aceptado	enumeration	3	documentation Rechazado
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**

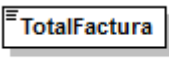
diagram	
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda
type	restriction of xs:string
properties	content simple

facets	Kind Value Annotation maxLength 80
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:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element MensajeHacienda/MontoTotalImpuesto

diagram	 <p>Monto total del impuesto, que es obligatorio si el comprobante tenga impuesto.</p>
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/mensajeHacienda
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	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	 <p>Monto total de la factura</p>
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4/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	<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:element name="CanonicalizationMethod" type="ds:CanonicalizationMethodType"/></pre>												

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**

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

element **KeyInfo**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:KeyInfoType					
properties	content	mixed	complex	true		
children	ds:KeyName ds:KeyValue ds:RetrievalMethod ds:X509Data ds:PGPData ds:SPKIDData ds:MgmtData					
used by	complexType	SignatureType				
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
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:KeyValueType
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:ManifestType												
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	complexType				
	mixed	true				
used by	complexType	SignatureType				
attributes	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						
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																									
namespace	http://www.w3.org/2000/09/xmldsig#																								
type	ds:ReferenceType																								
properties	content complex																								
children	ds:Transforms ds:DigestMethod ds:DigestValue																								
used by	complexTypes 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/xmlsig#					
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/xmlsig#					
type	ds:RSAKeyValue Type					
properties	content complex					
children	ds:Modulus ds:Exponent					
used by	complexType KeyValue Type					
source	<code><xs:element name="RSAKeyValue" type="ds:RSAKeyValue Type"/></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 Algorithm	Type xs:anyURI	Use required	Default	Fixed	Annotation
source	<code><xs:element name="SignatureMethod" type="ds:SignatureMethodType"/></code>					

element **SignatureProperties**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignaturePropertiesType					
properties	content complex					
children	ds:SignatureProperty					
attributes	Name Id	Type xs:ID	Use optional	Default	Fixed	Annotation
source	<code><xs:element name="SignatureProperties" type="ds:SignaturePropertiesType"/></code>					

element **SignatureProperty**

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:SignaturePropertyType					
properties	content complex mixed true					
used by	complexType SignaturePropertiesType					
attributes	Name Target Id	Type xs:anyURI xs:ID	Use required optional	Default	Fixed	Annotation

source	<code><xs:element name="SignatureProperty" type="ds:SignaturePropertyType"/></code>
--------	-------------------------------------------------------------------------------------------

element **SignatureValue**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
type	ds:SignatureValueType												
properties	content complex												
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> </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="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	<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="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	<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	<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	complexTypees 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	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	<pre><xs:attribute name="Algorithm" type="anyURI" use="required"/></pre>

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></pre>					

```
<xs:attribute name="Algorithm" type="anyURI" use="required"/>
</xs:complexType>
```

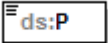
attribute **DigestMethodType/@Algorithm**

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

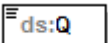
complexType **DSAKeyValue**

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"> <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></pre>

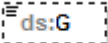
element DSAKeyValue/P

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

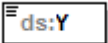
element DSAKeyValue/Q

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

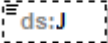
element DSAKeyValue/G

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

element DSAKeyValue/Y


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

element DSAKeyValue/J

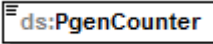
diagram	
---------	-------------------------------------------------------------------------------------

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

element **DSAKeyValue/Seed**

diagram	 A diagram showing a rectangular box with a small icon on the left and the text "ds:Seed" inside.
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<xs:element name="Seed" type="ds:CryptoBinary"/>

element **DSAKeyValue/PgenCounter**

diagram	 A diagram showing a rectangular box with a small icon on the left and the text "ds:PgenCounter" inside.
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptoBinary
properties	content simple
source	<xs:element name="PgenCounter" type="ds:CryptoBinary"/>

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

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

attribute **ObjectType/@MimeType**

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

attribute **ObjectType/@Encoding**

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

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	<xs:element name="PGPKeyID" type="base64Binary"/>

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	<code><xs:complexType name="ReferenceType"></code>						

	<pre> <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
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/xmldsig#					
children	ds:Transforms					
used by	element RetrievalMethod					
attributes	Name	Type	Use	Default	Fixed	Annotation
	URI	xs:anyURI				
	Type	xs:anyURI	optional			
source	<code><xs:complexType name="RetrievalMethodType"></code>					

	<pre> <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>
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attribute RetrievalMethodType/@URI

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

attribute RetrievalMethodType/@Type

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

complexType RSAKeyValue

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

element RSAKeyValue/Modulus

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

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

element **SignatureMethodType/HMACOutputLength**

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

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

complexType **SignaturePropertyType**

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

properties	mixed true					
used by	element SignatureProperty					
attributes	Name Target	Type xs:anyURI	Use required	Default	Fixed	Annotation
	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>					

attribute **SignaturePropertyType/@Target**

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

attribute **SignaturePropertyType/@Id**

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

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

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

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><u>Id</u></td> <td>xs:ID</td> <td>optional</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	<u>Id</u>	xs:ID	optional			
Name	Type	Use	Default	Fixed	Annotation								
<u>Id</u>	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	<pre><xs:attribute name="Id" type="ID" use="optional"/></pre>

complexType SignedInfoType

diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
children	ds:CanonicalizationMethod ds:SignatureMethod ds:Reference					
used by	element SignedInfo					
attributes	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>					

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>					

	<code></xs:complexType></code>
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element **SPKIDataType/SPKISexp**

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

complexType **TransformsType**

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

complexType **TransformType**

diagram													
namespace	http://www.w3.org/2000/09/xmldsig#												
properties	mixed true												
children	ds:XPath												
used by	element Transform												
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	<code><xs:complexType name="TransformType" mixed="true"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:any namespace="##other" processContents="lax"/> </xs:choice> </xs:complexType></code>												

	<pre> <!-- (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>
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attribute TransformType/@Algorithm

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

element TransformType/XPath

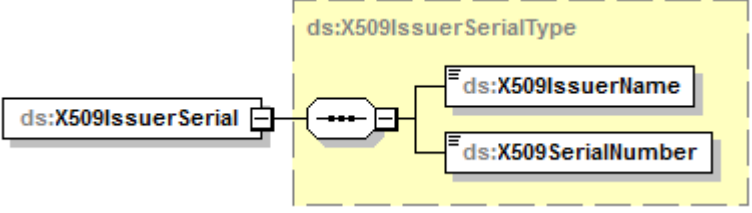
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:string
properties	content simple
source	<xs:element name="XPath" type="string"/>

complexType X509DataType

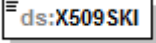
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:X509IssuerSerial ds:X509SKI ds:X509SubjectName ds:X509Certificate ds:X509CRL
used by	element X509Data
source	<pre> <xs:complexType name="X509DataType"> <xs:sequence maxOccurs="unbounded"> <xs:choice> <xs:element name="X509IssuerSerial"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

	<pre> <xs:any namespace="##other" processContents="lax"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>
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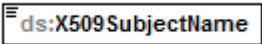
element X509DataType/X509IssuerSerial

diagram	 <p>The diagram shows the structure of the <code>ds:X509IssuerSerial</code> element. It is a complex type that contains a sequence of two child elements: <code>ds:X509IssuerName</code> and <code>ds:X509SerialNumber</code>. The entire structure is enclosed in a dashed yellow box labeled <code>ds:X509IssuerSerialType</code>.</p>
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	 <p>The diagram shows the structure of the <code>ds:X509SKI</code> element, which is a simple type.</p>
namespace	http://www.w3.org/2000/09/xmldsig#
type	<code>xs:base64Binary</code>
properties	content simple
source	<code><xs:element name="X509SKI" type="base64Binary"/></code>

element X509DataType/X509SubjectName

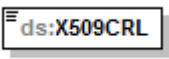
diagram	 <p>The diagram shows the structure of the <code>ds:X509SubjectName</code> element, which is a simple type.</p>
namespace	http://www.w3.org/2000/09/xmldsig#
type	<code>xs:string</code>
properties	content simple
source	<code><xs:element name="X509SubjectName" type="string"/></code>

element X509DataType/X509Certificate

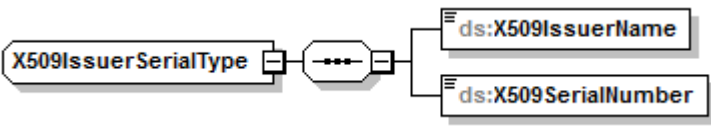
diagram	 <p>The diagram shows the structure of the <code>ds:X509Certificate</code> element, which is a simple type.</p>
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namespace	http://www.w3.org/2000/09/xmldsig#
type	xs:base64Binary
properties	content simple
source	<code><xs:element name="X509Certificate" 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>

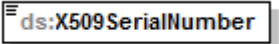
complexType X509IssuerSerialType

diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
children	ds:X509IssuerName ds:X509SerialNumber
used by	element X509DataType/X509IssuerSerial
source	<code><xs:complexType name="X509IssuerSerialType"> <xs:sequence> <xs:element name="X509IssuerName" type="string"/> <xs:element name="X509SerialNumber" type="integer"/> </xs:sequence> </xs:complexType></code>

element X509IssuerSerialType/X509IssuerName

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

element **X509IssuerSerialType/X509SerialNumber**

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

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	<code><xs:simpleType name="CryptoBinary"> <xs:restriction base="base64Binary"/> </xs:simpleType></code>

simpleType **DigestValueType**

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

simpleType **HMACOutputLengthType**

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