

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/v4.1/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](#)

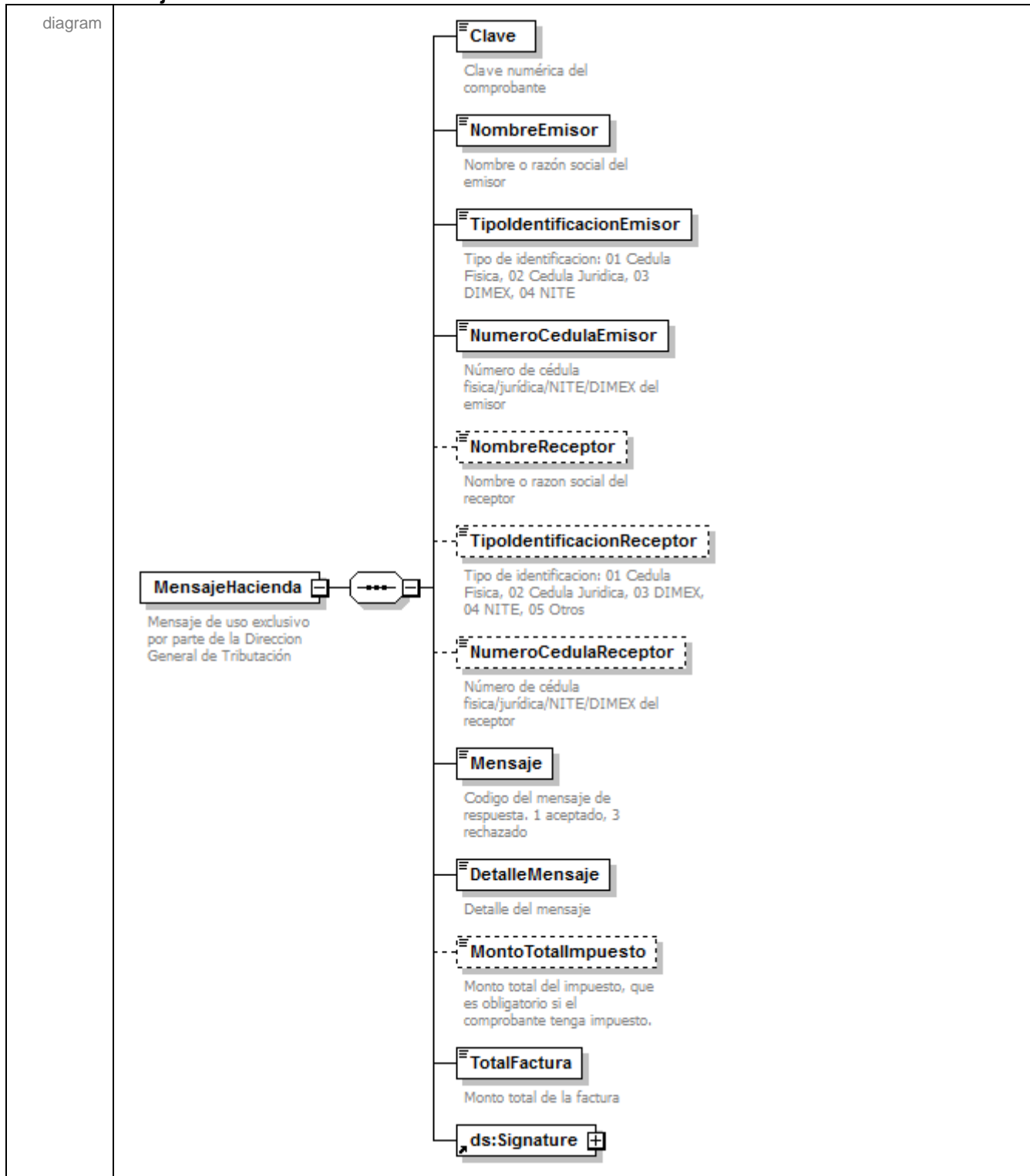
Simple types

[CryptoBinary](#)

[DigestValueType](#)

[HMACOutputLengthType](#)

element **MensajeHacienda**



namespace <https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda>

properties content complex

children [Clave](#) [NombreEmisor](#) [TipoidentificacionEmisor](#) [NumeroCedulaEmisor](#) [NombreReceptor](#) [TipoidentificacionReceptor](#) [NumeroCedulaReceptor](#) [Mensaje](#) [DetalleMensaje](#) [MontoTotalImpuesto](#) [TotalFactura](#) [ds:Signature](#)

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</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:enumeration>
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
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        <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>
    <xs:element name="NombreReceptor" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Nombre o razon social del
receptor</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
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                <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">

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


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        <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>

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element MensajeHacienda/Clave


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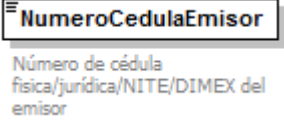
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>80</td>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

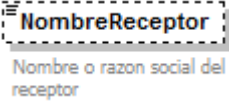
diagram	 <p>TipoidentificacionEmisor</p> <p>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE</p>															
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda															
type	restriction of xs:string															
properties	content 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></pre>															

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

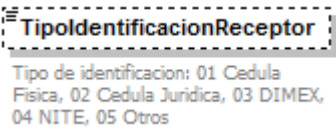
diagram							
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda						
type	restriction of xs:string						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>pattern</td> <td>\d{9,12}</td> <td></td> </tr> </table>	Kind	Value	Annotation	pattern	\d{9,12}	
Kind	Value	Annotation					
pattern	\d{9,12}						
annotation	<p>documentation</p> <p>Número de cédula física/jurídica/NITE/DIMEX del emisor</p>						
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	
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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

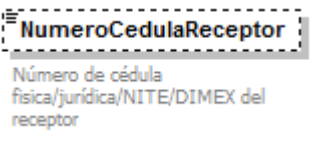
diagram	 <p>TipoidentificacionReceptor</p> <p>Tipo de identificacion: 01 Cedula Fisica, 02 Cedula Juridica, 03 DIMEX, 04 NITE, 05 Otros</p>																		
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda																		
type	restriction of xs:string																		
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:restriction> </xs:simpleType> </xs:element> </pre>																		

```

</xs:enumeration>
<xs:enumeration value="02">
  <xs:annotation>
    <xs:documentation> Cedula Juridica</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>DIMEX</xs:documentation>
  </xs:annotation>
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</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Otros</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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</xs:simpleType>
</xs:element>

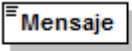
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element **MensajeHacienda/NumeroCedulaReceptor**

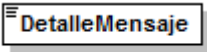
diagram	
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern \d{9,12}
annotation	documentation Número de cédula física/jurídica/NITE/DIMEX del receptor
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> </pre>

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

element MensajeHacienda/Mensaje

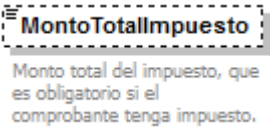
diagram	 <p>Codigo del mensaje de respuesta. 1 aceptado, 3 rechazado</p>									
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td>documentación Aceptado</td></tr><tr><td>enumeration</td><td>3</td><td>documentación Rechazado</td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1	documentación Aceptado	enumeration	3	documentación Rechazado
Kind	Value	Annotation								
enumeration	1	documentación Aceptado								
enumeration	3	documentación Rechazado								
annotation	documentación 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	 <p>Detalle del mensaje</p>
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/mensajeHacienda
type	restriction of xs:string
properties	content simple
annotation	documentación 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>
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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/v4.1/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	 <p>Monto total de la factura</p>									
namespace	https://www.hacienda.go.cr/ATV/docs/esquemas/2016/v4.1/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

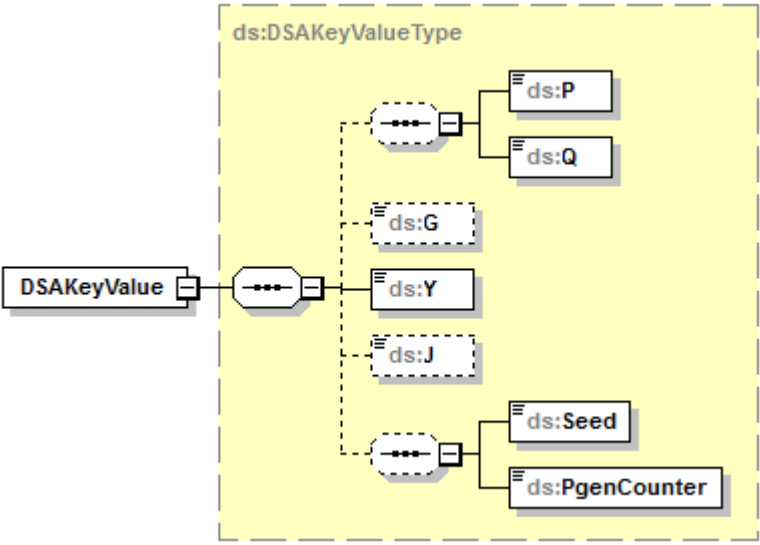
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#

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

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

element **KeyInfo**

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

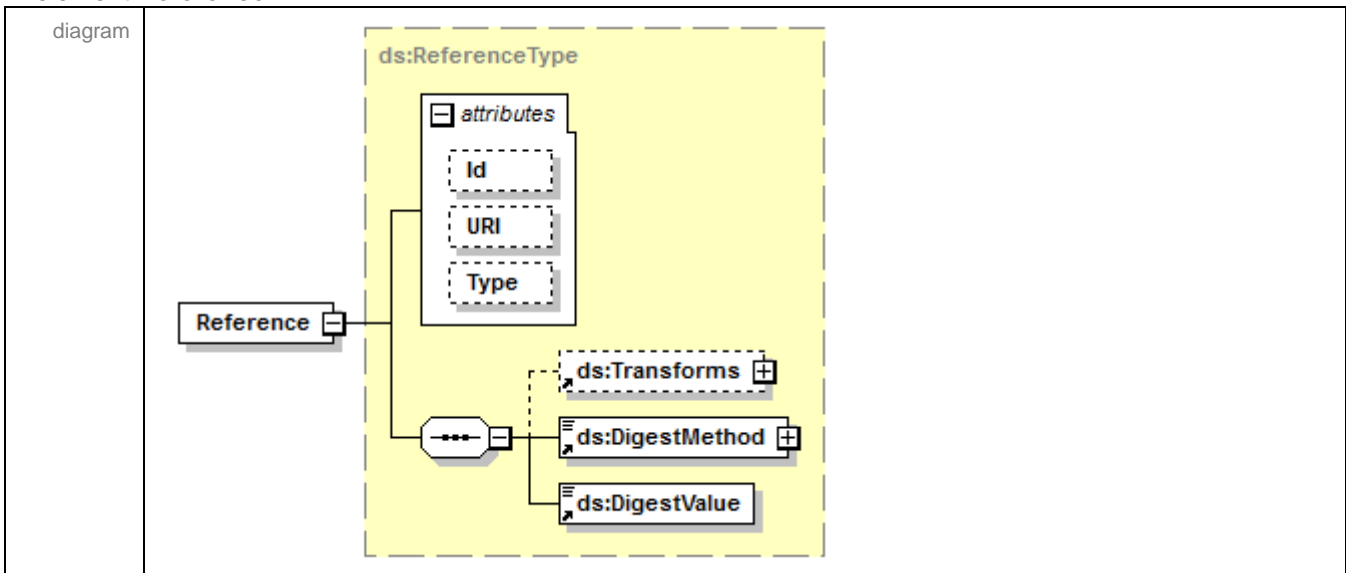
diagram						
namespace	http://www.w3.org/2000/09/xmldsig#					
type	ds:ObjectType					
properties	content complex					
	mixed true					
used by	complexType SignatureType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	Id	xs:ID	optional			
	MimeType	xs:string	optional			
	Encoding	xs:anyURI	optional			
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



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	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 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	Type xs:anyURI	Use required	Default	Fixed	Annotation
	Id	xs:ID	optional			

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	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	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> </xs:complexType></pre>					

```

</xs:sequence>
<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"/>

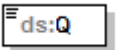
complexType **DSAKeyValue**

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**

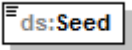
diagram	
namespace	http://www.w3.org/2000/09/xmldsig#
type	ds:CryptBinary
properties	content simple
source	<code><xs:element name="Y" type="ds:CryptBinary"/></code>

element **DSAKeyValue/J**

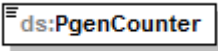
diagram	
---------	---

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

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:CryptBinary
properties	content simple
source	<code><xs:element name="Seed" type="ds:CryptBinary"/></code>

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:CryptBinary
properties	content simple
source	<code><xs:element name="PgenCounter" type="ds:CryptBinary"/></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	<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	<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	<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>					

```

<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>

```

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	<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	<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>

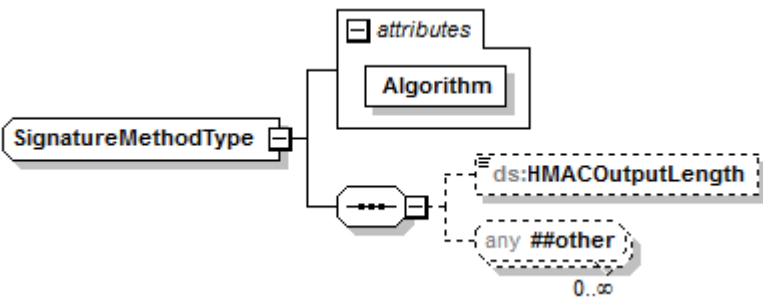
element RSAKeyValue/Modulus

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:CryptBinary
properties	content simple
source	<code><xs:element name="Exponent" type="ds:CryptBinary"/></code>

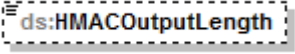
complexType SignatureMethodType

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>												

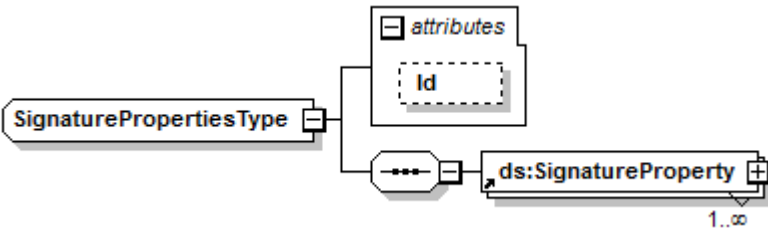
attribute SignatureMethodType/@Algorithm

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

element **SignatureMethodType/HMACOutputLength**

diagram	
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	<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:complexType name="SignaturePropertiesType"> <xs:sequence> <xs:element ref="ds:SignatureProperty" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="Id" type="ID" use="optional"/> </xs:complexType></code>												

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	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>					

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

complexType **SignatureValueType**

diagram						
namespace	http://www.w3.org/2000/09/xmlsig#					
type	extension of xs:base64Binary					
properties	base base64Binary					
used by	element SignatureValue					

attributes	Name <u>Id</u>	Type xs:ID	Use optional	Default	Fixed	Annotation
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	<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="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	<code><xs:attribute name="Id" type="ID" use="optional"/></code>

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	<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	<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	<pre><xs:element name="XPath" type="string"/></pre>					

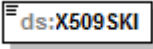
complexType X509DataType

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>

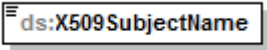
element X509DataType/X509IssuerSerial

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

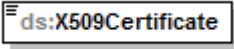
element X509DataType/X509SKI

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>

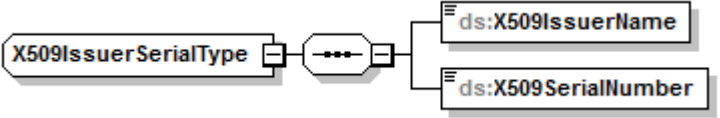
element X509DataType/X509Certificate

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

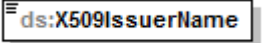
element X509DataType/X509CRL

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

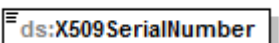
complexType X509IssuerSerialType

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 RSAKeyValue/Modulus DSAKeyValue/G DSAKeyValue/J DSAKeyValue/P DSAKeyValue/Q DSAKeyValue/Seed DSAKeyValue/Y
source	<pre><xs:simpleType name="CryptoBinary"> <xs:restriction base="base64Binary"/> </xs:simpleType></pre>

	<code></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>