



TE CONNECTIVITY (TE)

## 06P SL156 HSG W/LCK RAMP NATL

MTA | SL-156

640250-6

TE Internal Number: 640250-6

Always EU RoHS/ELV Compliant

Centerline **3.96 mm [ .156 in ]**

Number of Positions **6**

Number of Rows **1**

Color **Natural**

Mating Retention **With**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

#### HOUSING WITH LOCKING RAMP, SL-156

PDF  
English

### CAD Files

#### 3D PDF

PDF  
3D

#### Customer View Model

2D\_DXF.ZIP  
English

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

#### MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors

PDF  
English

### Product Specifications

#### Product Specification

#### Hooded SL 156 Connectors, Tin

PDF  
English

#### Hooded SL 156 Connectors, Gold

PDF  
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#### SL 156 Connectors

PDF  
English

#### Application Specification

#### SL 156 Contacts And Housings

PDF  
English

#### Qualification Test Report

#### Hooded SL 156 Connectors, Gold

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#### Hooded SL 156 Connectors, Tin

## Product Environmental Compliance

TE Material Declaration

[MD\\_640250-6\\_0918201536\\_dmtec](#)  
PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Sealed	<b>No</b>
	Connector Type	<b>Housing</b>
	Applies To	<b>Wire/Cable</b>
	Connector Style	<b>Receptacle</b>
	Connector System	<b>Wire-to-Board</b>
	Strain Relief	<b>Without</b>
	Product Type	<b>Connector</b>

Configuration Features	Number of Positions	<b>6</b>
	Number of Rows	<b>1</b>

Electrical Characteristics	Operating Voltage	<b>250 VAC</b>
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Body Features	Color	<b>Natural</b>
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Contact Features	Contact Type	<b>Socket</b>
	Contact Current Rating (A)	<b>6.5</b>
	Contact Layout	<b>Inline</b>

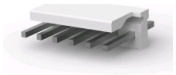



Termination Features	Termination Method to Wire/Cable	<b>Crimp</b>
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Mechanical Attachment	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Locking Ramp</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Contact Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Alignment Type	<b>Keved</b>

	Mounting Alignment Type	Keyed
Housing Features	Centerline	<b>3.96 mm [ .156 in ]</b>
	Housing Configuration	<b>Left End Open</b>
	Housing Color	<b>Natural</b>
	Housing Style	<b>Standard</b>
	Housing Material	<b>Nylon - GF</b>
Dimensions	Height (mm)	<b>6.35</b>
	Length (in)	<b>.933</b>
	Wire/Cable Size (AWG)	<b>30 – 18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.0509 – .823</b>
Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
Operation/Application	For Use With	<b>SL .156 Contacts</b>
Industry Standards	CSA File Number	<b>LR 7189</b>
	Agency/Standard	<b>CSA, UL</b>
	UL File Number	<b>E28476</b>
	UL Rating	<b>Listed</b>
	UL Flammability Rating	<b>UL 94V-0</b>
	CSA Rating	<b>Certified</b>
Packaging Features	Packaging Quantity	<b>1</b>
	Packaging Method	<b>Package</b>
Other	Comment	<b>Unit Accepts 1.14[.045] Square or Round Post, Accepts Keying Plug 640254-1 and 640255-1</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

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RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

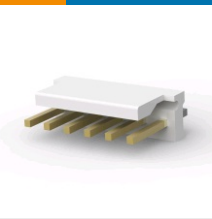
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers &amp; Receptacles MTA   MTA156</p> <p><b>06P MTA156 HRD FL RA FB 30AU - 641210-6</b></p> <p>TE INTERNAL NUMBER: 641210-6</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>3.96 mm</b></p> <p>Number of Positions <b>6</b></p> <p>PCB Mounting Orientation <b>Right Angle</b></p> <p>PCB Mounting Style <b>Through Hole</b></p> <p>Number of Rows <b>1</b></p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors MTA   MTA156</p> <p><b>06P MTA156 HDR ASSY FL ST LF - 3-641208-6</b></p> <p>TE INTERNAL NUMBER: 3-641208-6</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers &amp; Receptacles</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
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MTA | MTA156

## 06P MTA156 HDR ASSY PL ST 30AU - 641202-6

TE INTERNAL NUMBER: 641202-6

✓ Active

Centerline **3.96 mm**

Number of Positions **6**

PCB Mounting Orientation

**Vertical**

PCB Mounting Style **Through**

**Hole**

Number of Rows **1**

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