

213499-1 ✓ ACTIVE

## METRIMATE

TE Internal #: 213499-1

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel /  
Wire-to-Board, 8 Position, .315 in [8 mm] Centerline, 3 Row,  
Polyester GF, Plug, Socket

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Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Board, Wire-to-Panel, Wire-to-Wire**

Number of Positions: **8**

Centerline (Pitch): **8 mm [ .315 in ]**

Row-to-Row Spacing: **7.77 mm [ .306 in ]**

Number of Rows: **3**

### Features

#### Product Type Features

Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

#### Configuration Features

Number of Positions	8
Number of Rows	3

#### Electrical Characteristics

Operating Voltage	600 VDC
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#### Contact Features



Contact Type	Socket
Contact Current Rating (Max)	55 A

### Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	8 mm [.315 in]
Housing Material	Polyester GF
Housing Color	Black

### Dimensions

Row-to-Row Spacing	7.77 mm [.306 in]
Height	30.78 mm
Length	61.04 mm
Width	54.98 mm
Panel Thickness	.031 – .091 in, .8 – 2.3 mm

### Usage Conditions

Operating Temperature Range	-55 – 130 °C [-67 – 266 °F]
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### Operation/Application

Circuit Application	Power
For Use With	Receptacle Housing

### Industry Standards

CSA Rating	LR 16455
Agency/Standard	CSA, UL, VDE
CSA File Number	LR16455
VDE Tested	Yes
UL File Number	E28476
UL Flammability Rating	UL 94V-0
UL Rating	Certified, Recognized

### Packaging Features

Packaging Quantity	1
Packaging Method	Package

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



## Documents

### Product Drawings

**PLUG HSG,8 POWER METRIMATE**

English



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213499-1\\_L.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213499-1\\_L.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_213499-1\\_L.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### Power Contacts

English

[METRIMATE\\_PIN\\_SOCKET\\_CATALOG](#)

English

### Product Specifications

#### Product Specification

Japanese

#### Product Specification

English

[Connector, METRIMATE Pin and Socket with Louvertac High Current Contacts](#)

English

### Product Environmental Compliance

#### TE Material Declaration

English

### Agency Approvals

#### Agency Approval Document

English