



Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Cable-to-Cable, Cable-to-Panel**

Number of Positions: **42**

Centerline (Pitch): **4.11 mm, 7.36 mm [.162 in, .29 in]**

Row-to-Row Spacing: **3.43 mm [.135 in]**

Number of Rows: **5**

Features

Product Type Features

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

Configuration Features

Number of Power Positions	6
Number of Signal Positions	36
Number of Positions	42
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features



Contact Type	Pin
Contact Current Rating (Max)	23 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4.11 mm, 7.36 mm [.162 in] [.29 in]
Housing Material	Phenolic
Housing Color	Black

Dimensions

Row-to-Row Spacing	3.43 mm [.135 in]
Height	19.05 mm [.75 in]
	.915 in

Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Quantity	70
Packaging Method	Carton

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

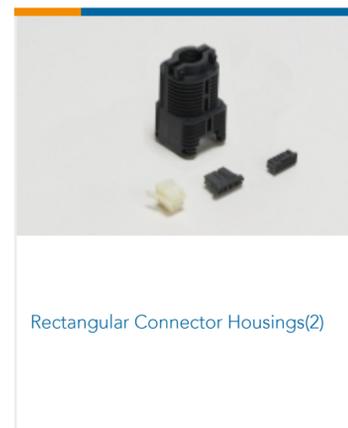
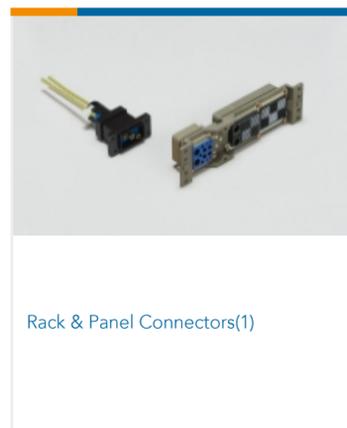
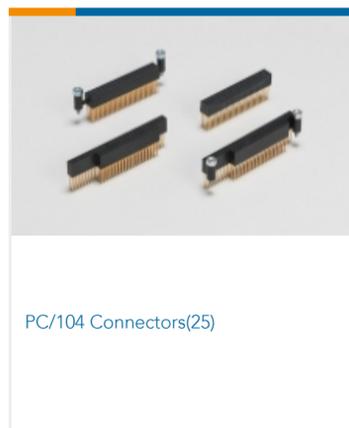
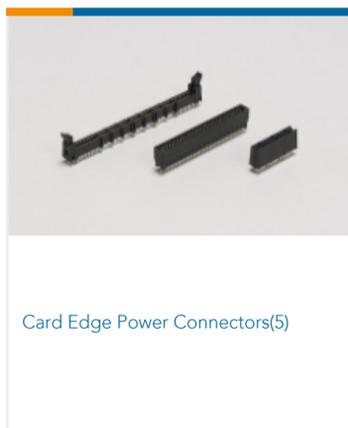
Product Compliance Disclaimer

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



Also in the Series | AMPMODU PC/104



Documents

Product Drawings

42 POS. BLOCK

English



CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_202515-5_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_202515-5_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_202515-5_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202515-5_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202515-5_W.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202515-5_W.2d_dxf.zip](#)

English

3D PDF

3D

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

Instruction Sheets

Instruction Sheet (U.S.)

English

[ASSEMBLY INSTRUCTIONS FOR AP* 42 POSITION SERIES "M" CONNECTORS](#)

English

Instruction Sheet (U.S.)

English

[LATCHING SHIELD AND PIN HOOD FOR 50 POSITION "M" SERIES CONNECTOR](#)

English