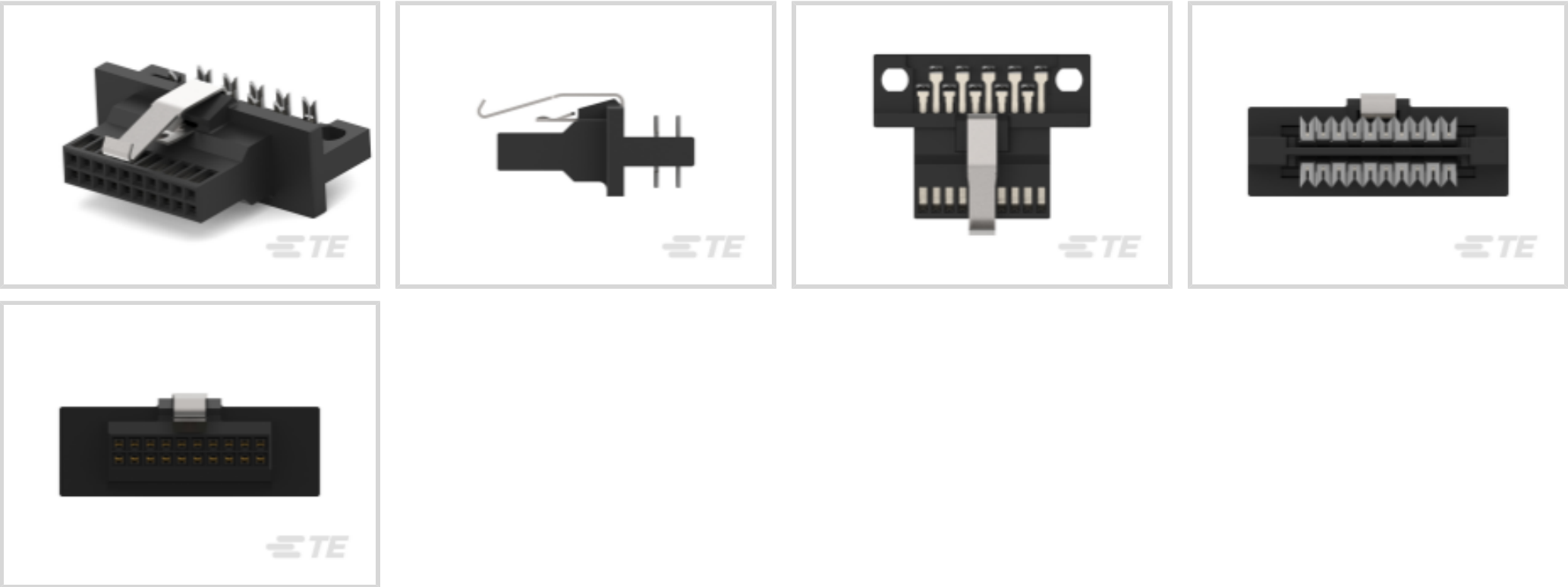




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Cable-to-Board**
Number of Positions: **40**
Centerline (Pitch): **1.27 mm [.05 in]**
Row-to-Row Spacing: **1.27 mm [.05 in]**
Number of Rows: **2**

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	40
Number of Rows	2

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	1.27 mm[.05 in]
Connector Width	8.31 mm[.327 in]
Wire Size	28 AWG



Connector Height	17.56 mm[.691 in]
Connector Length	33.73 mm[1.328 in]

Body Features

Connector Profile	Standard
Mating Retention Feature Material	Stainless Steel
Primary Product Color	Black

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With

Contact Features

Contact Current Rating (Max)	.5 A
Contact Underplating Material	Nickel
Mating Pin Diameter	.46 mm[.018 in]
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Layout	Matrix
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
Contact Type	Receptacle

Operation/Application

Circuit Application	Signal
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	30 VAC
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Insulation Resistance	5000 MΩ
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189

Packaging Features

Packaging Quantity	15
Packaging Method	Tube

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 50/50 Grid

Customers Also Bought

Documents

Product Drawings
40 50/50 GRID RCPT W/LTCH LF
English

CAD Files



Customer View Model

[ENG_CVM_CVM_5-104892-4_F.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-104892-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104892-4_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION1AND2](#)

English

[Ribbon Cable Interconnect Solutions](#)

English

[Fine Pitch Stacking Connectors - 1.27mm AMPMODU 50/50 Grid Connectors](#)

English

[5-1773700-6_AMPMODU_50_50_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English