5-104892-7 ✔ ACTIVE

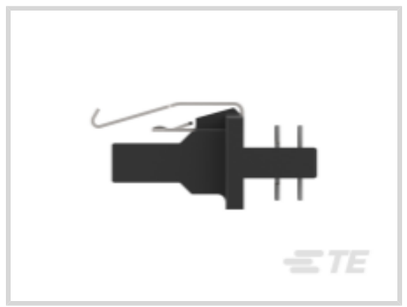
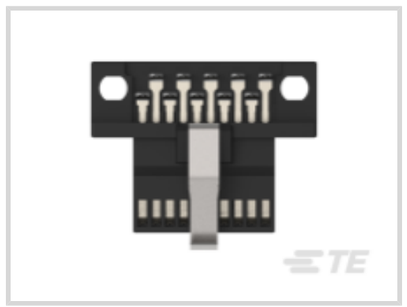
AMPMODU | AMPMODU 50/50 Grid

TE Internal #: 5-104892-7

Ribbon Cable Connectors, Cable-to-Board, 70 Position, 1.27 mm [.05 in] Centerline, 2 Row, Receptacle, Standard Profile, AMPMODU 50/50 Grid

View on TE.com >

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



Connector System: **Cable-to-Board**

Number of Positions: **70**

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

Configuration Features

Number of Positions	70
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	30 VAC

Body Features

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

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	52.78 mm[2.078 in]
Connector Height	17.56 mm[.691 in]
Connector Width	8.31 mm[.327 in]
Wire Size	.08 – .09 mm^2
Row-to-Row Spacing	1.27 mm[.05 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	9
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

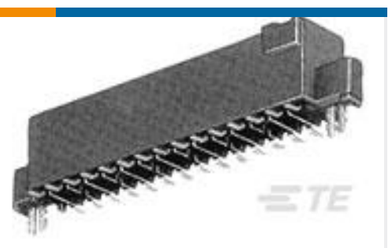
Product Compliance Disclaimer

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

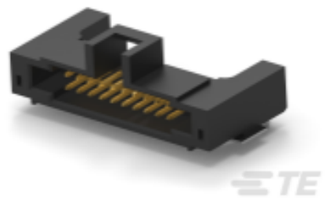
Compatible Parts



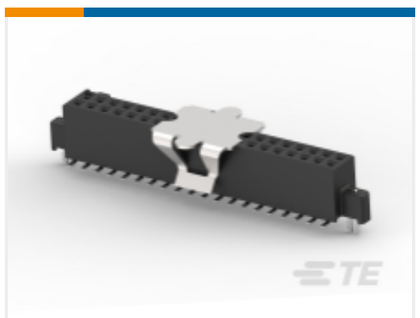
TE Part # 843477-1
TOOL, EXTRACTION RESET



TE Part # 5-104652-7
70 50/50 GRID DRST SFMNT RCPT



TE Part # 5-104895-7
70 50/50 GRID RA HDR W/LTCH LF

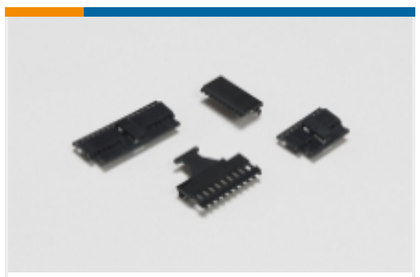


TE Part # 5-147384-7
70 50/50 GRID SMT RCPT VC LF

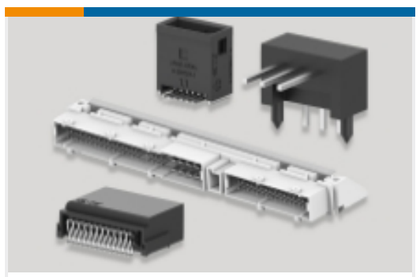
Also in the Series | AMPMODU 50/50 Grid



Insertion & Extraction Tools(1)



PCB Connector Covers(9)



PCB Headers & Receptacles(302)

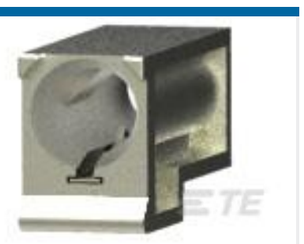


Ribbon Cable Connectors(34)

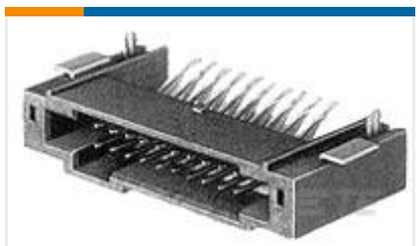
Customers Also Bought



TE Part #1-1469492-3
MULTIGIG RT 9MM GUIDE/ESD 90 DEG



TE Part #1-1469492-2
MULTIGIG RT 9MM GUIDE/ESD 45 DEG



TE Part #5-104894-5
50 50/50 GRID RA HDR LF



TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW



TE Part #2102772-2
Plug Assy, R Angle, 7Row, Left, MG, RUG



TE Part #35108
TERMINAL,PIDG R 12-10 8

TE Part #1-1634200-2
PREDD1-07F-BB0DW

Documents

Product Drawings

70 50/50 GRID RCPT W/LTCH LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-104892-7_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-104892-7_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-104892-7_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

Fine Pitch Stacking Connectors - 1.27mm AMPMODU 50/50 Grid Connectors

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English