5-5223963-1 ✓ ACTIVE



Z-PACK 2mm HM

TE Internal #: 5-5223963-1

Connector Assembly, Plug, Board-to-Board, 3 Position, 3 mm [.118

in] Centerline, Printed Circuit Board, Z-PACK 2mm HM, Rectangular

Power Connectors

View on TE.com >



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: Connector Assembly

Connector & Housing Type: Plug Connector System: Board-to-Board

Number of Positions: 3

Centerline (Pitch): 3 mm [.118 in]

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	3
PCB Mount Orientation	Right Angle
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1
Electrical Characteristics	

Contact Features

Operating Voltage

Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy

250 VDC



Contact Current Rating (Max)	16 A
Contact Retention Within Housing	With
Contact Type	Blade
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Termination Features	
Termination Method to PCB	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	3 mm[.118 in]
Housing Color	Gray
Housing Material	Thermoplastic
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Method	Box & Tube, Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

ed Materials Above Threshold
HA Candidate List: JUNE 2024 List Declared Against: JUNE



Halogen Content	Not Low Halogen - contains Br or Cl > 900
	ppm.

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

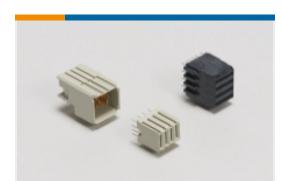
Compatible Parts



Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



Backplane Power Connectors(6)



Connector Caps & Covers(62)



Connector Contacts(2)



Connector Hardware(97)



Hard Metric Backplane Connectors (267)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)

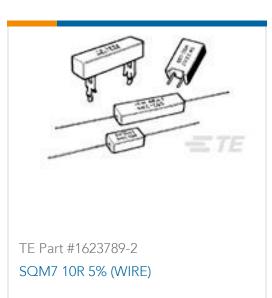




Customers Also Bought



















Documents

Product Drawings

UPM R/A Header 3P HC Power Conn, MLM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-5223963-1_C1.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_5-5223963-1_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-5223963-1_C1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Engineering Report

English