1-1926739-8 ✔ ACTIVE

MINIPAK

TE Internal #: 1-1926739-8

Rectangular Power Connectors, Header, Receptacle, Board-to-Board, 73 Position, 2mm / 2.75mm [.108in / .079in] Centerline, Printed Circuit Board

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **73**

Centerline (Pitch): **2 mm, 2.75 mm [.079 in, .108 in]**

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions by Circuit Application	25/Signal, 8/DC Power
Number of Positions	73
PCB Mount Orientation	Right Angle
Number of Power Positions	8
Number of Signal Positions	25
Number of Rows	5
Board-to-Board Configuration	Co-Planar

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Shape & Form	Single Beam
Contact Underplating Material	Nickel

Contact Base Material	Copper
Contact Current Rating (Max)	17 A
Contact Retention Within Housing	With
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Underplate Material Thickness	1.27 µm[50 µin]
Contact Termination Area Plating Thickness	.5 µm[20 µin]

Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit, Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Screw Mount
Mating Alignment Type	Passive Guide
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Screw Mount
Connector Mounting Type	Board Mount
Mating Retention	Without

Housing Features

Centerline (Pitch)	2 mm, 2.75 mm[.079 in][.108 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	.06 mm[1.4 in]
Width	36.5 mm[1.437 in]
Height	8 mm[.315 in]
Length	46.24 mm[1.82 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C, -40 – 125 °C[-40 – 257 °F][-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA
UL Rating	Recognized

Packaging Features

Packaging Method	Box

Product Compliance

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

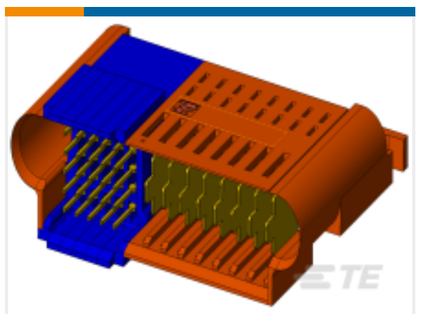
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 Does not contain 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 # 1-1892786-8
AssyMINIPAKHDL25s8pRAplugScrew

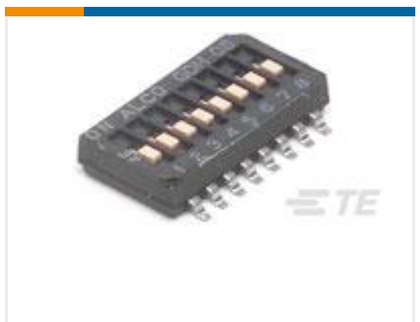
Customers Also Bought



TE Part #1367073-1
SFP Connectors



TE Part #2-1761603-7
IDC LOW PRO HDR 20P VERT BLUE



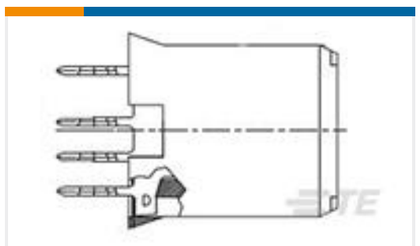
TE Part #1571983-1
GDH02S04=DIP SWITCH



TE Part #141879-1
250 FASTON,TAB,BR



TE Part #1469265-5
UPM R/A KEYED GUIDE PIN



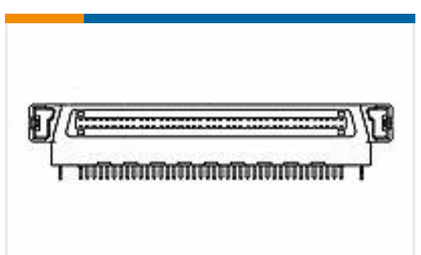
TE Part #1645620-4
UPM Ver Rec 6P STD Power Connector



TE Part #2007567-6
SFP+ Stacked Cage Assemblies



TE Part #1766188-1
CONTACT,SKT,#12



TE Part #787535-4
80 BLDMATE RCPT ASSY LEAD FREE



TE Part #1367147-3
SFP COVER, UNPL, NO LOGO

Documents

Product Drawings

AssyMinipak Hdl25s8pRARecptSc

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1926739-8_2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1926739-8_2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1926739-8_2.3d_stp.zip

English

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

Product Specifications

Application Specification

English