1757821-5 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1757821-5

50 Position D-Shaped Connector, Plug, Cable-to-Cable, Panel Mount, Shell Size 5, 2.77 mm [.109 in] Centerline, Wire & Cable, Signal

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **50**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Panel Mount**

Connector Shell Size: **5**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

Front Shell Material	Steel
Mating Retention Feature Material	Stainless Steel
D-Sub Connector Insert Arrangement	MS18277-1
Rear Shell Plating Material	Zinc
Rear Shell Material	Steel
Front Shell Plating Material	Zinc

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A
Contact Options	Order Separately

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mounting Hole Diameter	2.31 mm[.091 in]
Connector Mounting Type	Panel Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Package

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 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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

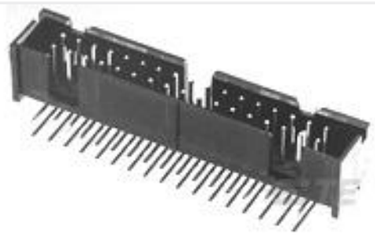


TE Part # 205089-1
HD 20 PIN CONTACT

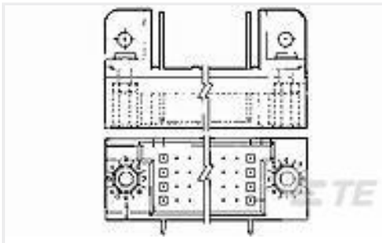
Customers Also Bought



TE Part #ZPF000000000008235
983-6KE 12-12 SN



TE Part #103311-7
034 LOPRO HDR RA 30DP



TE Part #533286-5
HDI PIN ASSY 4 ROW 160 POS R/A



TE Part #4-1437567-8
MPE406R=(MSPE) SW P/B WATERPRO



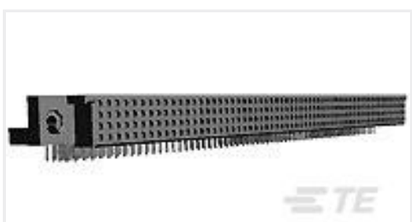
TE Part #1616005-4
B429CA (FAA/PMA)=RELAY



TE Part #1825099-1
TPD11CGPC004



TE Part #1-1879449-4
TE 400W 12R 5% Bracket



TE Part #532903-5
HDI RECP ASSY 4 ROW 160 POS

Documents

Product Drawings

AMPLIMITE,ASY,PLUG,FB,109,ZN,5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1757821-5_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1757821-5_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1757821-5_K.3d_stp.zip

English

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