2311777-1 ✔ ACTIVE

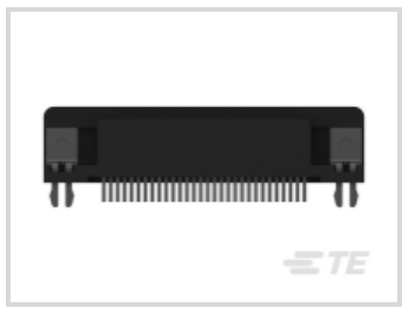
TE Internal #: 2311777-1

44 Position D-Shaped Connector, Plug, Wire-to-Board, Board Mount, Shell Size 3, 2.29 mm [.09 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors




Number of Positions: **44**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **3**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Wire-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Rows	3
Number of Positions	44

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Shape & Form	Round
Contact Current Rating (Max)	3 A

Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Threaded Inserts, 4-40 UNC
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.29 mm[.09 in]

Dimensions

Row-to-Row Spacing	1.98 mm[.077 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (2.5% in 10710505616) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

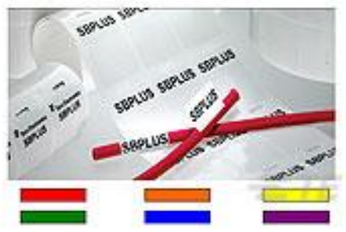


TE Part # 1658683-1
HDP-22,RCPT,SIZE 3,44 POSN

Customers Also Bought



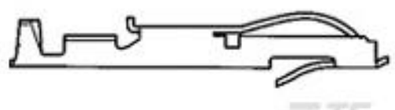
TE Part #NB14002001
TAT-125-1-0-STK



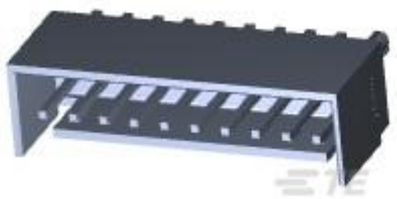
TE Part #CN9936-000
SBP200375WE2.5



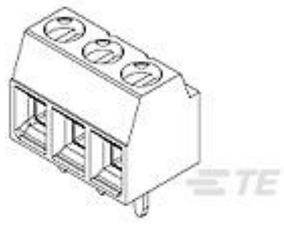
TE Part #1-292303-4
Std USB Type A, R/A, T/H



TE Part #5-583853-4
TWIN LF CONT IS 20-24 AU



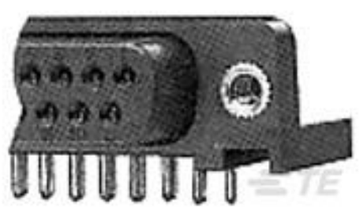
TE Part #4-644897-0
10P CST100 SHRD HDR ASSY LF



TE Part #1776113-2
2P,3.81MM,SIDE ENTRY,HIGH TMP



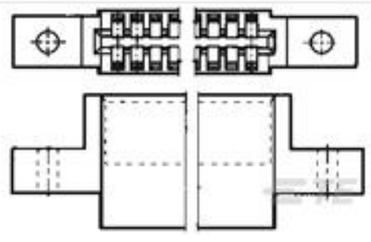
TE Part #1825139-8
A203SYCB04



TE Part #5788798-1
15 HTMSFL ASSY RA 318 (IN,BL)



TE Part #L9000266-01
SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part #583861-7
10 POS. TWIN LEAF 100 C/L

Documents

Product Drawings

AMPL PLUG, HD22, R/A, 44P, THREADED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2311777-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2311777-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2311777-1_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English