788802-1 ✔ ACTIVE

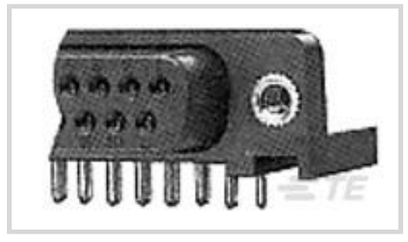
AMPLIMITE

TE Internal #: 788802-1

37 Position D-Shaped Connector, Receptacle, Board-to-Board, Board Mount, Shell Size 4, 2.74 mm [.108 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 4, 2.77mm



Number of Positions: **37**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **4**

All D-Sub Receptacle Assembly: Right Angle, Shell Size 4, 2.77mm (13)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Assembly Process Feature Material	Copper Alloy
Shell Plating Material	Tin
Mating Retention Feature Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Contact Options	Installed

Termination Features

Termination Post & Tail Diameter	.63 mm[.025 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

	.125 in
Mating Retention Feature Plating Material	Clear Chromate
Mounting Feature Plating Material	Tin
Mounting Feature Material	Brass
Assembly Process Feature Plating Material	Tin-Lead over Nickel
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Inserts

Housing Features

Housing Material	Thermoplastic
Shell Material	Carbon Steel
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	52
Packaging Method	Box

Product Compliance

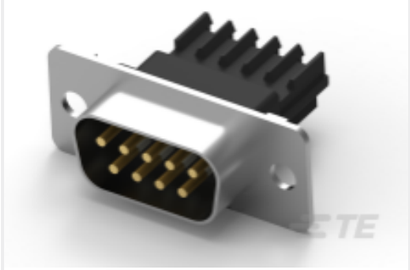
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials 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 (13% in 4690948374) **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 # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 1-747950-5
KIT,PLUG,37P,HDE,SHLD ENCLSRE



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

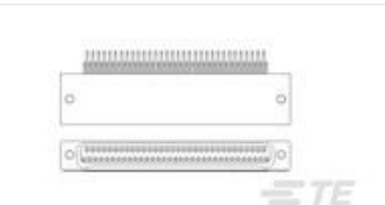


TE Part # 206509-1
SIZE 20 KEYING PLUG

Customers Also Bought



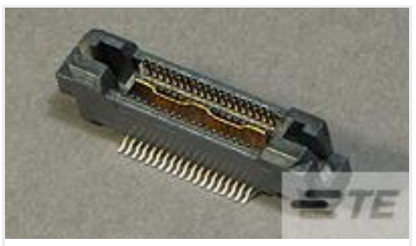
TE Part #1589676-4
JTM065PP2DX007N = WDUALOBE



TE Part #5-1589956-0
STM06512670L2CN = SMT Conn



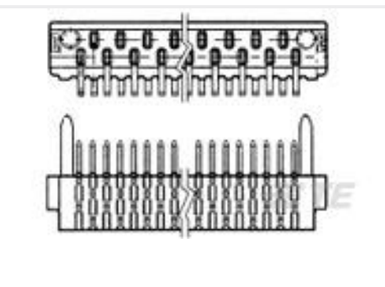
TE Part #5747830-4
25 MSFL RCPT RA 590L(IN,FM,BL)



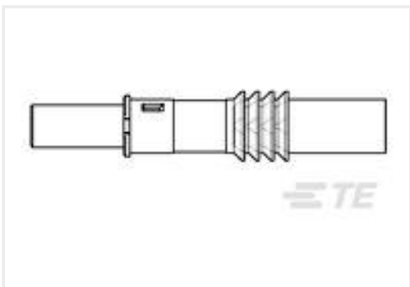
TE Part #767118-1
MICT,PLG,038,ASY,.025,TAPE CAP



TE Part #D81041-000
44B1831-22-MST3-9CS2275



TE Part #3-582152-8
29 AMP BLADE HDR ASSY



TE Part #1877039-2
Asy,Pin,Quadrax,.231 Crimp.w/wire seal

Documents

Product Drawings

37 HTMSFL ASSY RA 318 (IN,BL)

English

CAD Files

Customer View Model

ENG_CVM_CVM_788802-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_788802-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_788802-1_A1.2d_dxf.zip

English

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_788802-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_788802-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_788802-1_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English