3-1634225-2 SUPERSEDED

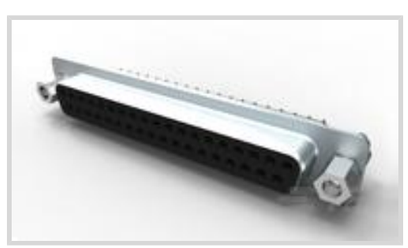
AMPLIMITE

TE Internal #: 3-1634225-2

TE Internal Description: 37w D skt W B/L & 4-40 s/lock 15u" gold

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **37**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **4**

Features

Product Type Features

Ground Feature Type	Grounding Straps
Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-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	Vertical

Body Features

Assembly Process Feature Material	Brass
Shell Plating Material	Nickel
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	15 µin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Options	Installed

Termination Features

Termination Post & Tail Diameter	.6 mm[.023 in]
Termination Post & Tail Length	4.3 mm[.169 in]

Mechanical Attachment

Mounting Hole Diameter	3.1 mm
Assembly Process Feature Plating Material	Nickel
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Female Screwlocks, 4-40 UNC

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.109 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
Compatible With Approved Standards Products	UL E28476

Packaging Features

Packaging Quantity	40
Packaging Method	Tray

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	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 2024 (241) SVHC > Threshold: Pb (.44% in Component Part) **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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

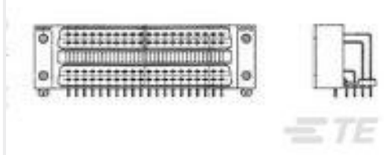
Product Compliance Disclaimer

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

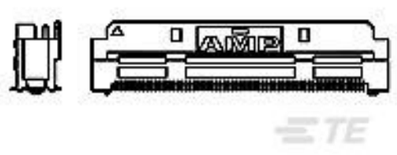
Customers Also Bought



TE Part #ASA021N00210235000
623 PLUG



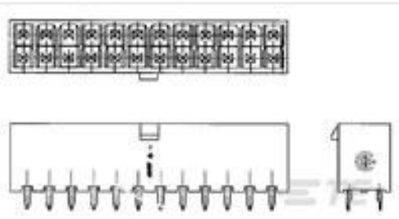
TE Part #900412-2
PC I/O RETENTION LEG ASSY 80P



TE Part #1123677-1
Z-STACK TYPE F16 ASSY 130P



TE Part #1473226-1
SOCKET WITH RING MINI U-M-N-L



TE Part #2-1586038-2
22P VRT HDR VAL-U-LOK V0



TE Part #2013874-1
ME CONN (M) DUMMY PLUG ASSY



TE Part #2229093-1
MOD JACK ASSEMBLY V-TYPE H=21.7mm



TE Part #1-2349815-2
D3950 REC 8POSN. 1ROW X KEY MARKED



TE Part #5176371-4
VERT RCPT ASSY,100POS,CHAMP050



TE Part #1-5316316-0
.6FHP08H,140,S,GIG,08/Sn,HT,SEYes

Documents

Product Drawings

37w D skt W B/L & 4-40 s/lock 15u" gold

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1634225-2_H_c-3-1634225-2-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1634225-2_H_c-3-1634225-2-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1634225-2_H_c-3-1634225-2-h.3d_stp.zip

English

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