3-1740918-7 ✔ ACTIVE

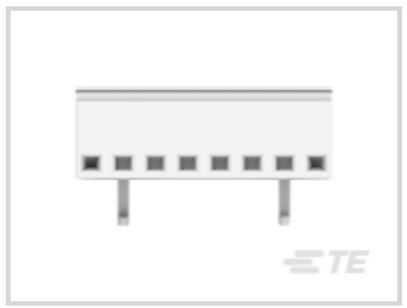
TE Internal #: 3-1740918-7

Wire-to-Board, 7 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 6 GF, Standard Edge Connectors

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors




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

Number of Positions: **7**

Centerline (Pitch): **2.5 mm [.098 in]**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Side
Number of Positions	7
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC, 250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Base Material	Copper Tin
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PA 6 GF

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Wire Size	24 – 22 AWG

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)

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	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1740918-7
AMP DUOPLUG2.5 MKII 7P W. PCB LOCK

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



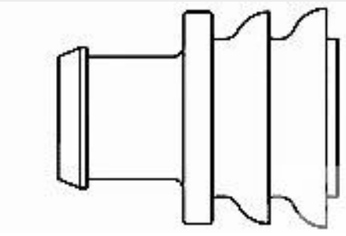
TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

AMP DUOPLUG2.5 MKII 7P W. PCB LOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1740918-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1740918-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1740918-7_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English