

AMPLIMITE

TE Internal #: 5786144-1

TE Internal Description: 15 RCPT ACT PIN/MS SCRLK

D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 2, 2.74 mm

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D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 2, 2.74mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 2, 2.74mm \(0\)](#)

Features

Contact Features

	30 µin
Contact Underplating Material	Nickel, Palladium Nickel
Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	2
Connector & Contact Terminates To	Printed Circuit Board
Shell Material Configuration	Front Metal Shell

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical



Housing Features

Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Nylon GF, Polyester GF
Shell Material	Carbon Steel

Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	1.57 mm, 2.36 mm[.062 in][.093 in]

Body Features

Connector Profile	Standard
Shell Plating Material	Tin over Copper
Mating Feature Material	Brass
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail, Mounting Hole
Mating Retention	With
Mating Retention Type	Female Screwlocks, Fixed
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.05 mm[.12 in]

Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Termination Features

Rectangular Termination Post & Tail Width	.86 mm[.034 in]
Rectangular Termination Post & Tail Thickness	.63 mm[.025 in]
Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	5.8 mm[.228 in]

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features



Packaging Quantity	104
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.7% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # 1-745494-5
15 HDE MS PLUG,22-26,LEAD FREE



TE Part # 1-745494-7
PLUG ASSY,15P,HDE,MS



TE Part # 206509-1
SIZE 20 KEYING PLUG



Customers Also Bought



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



TE Part #W2S
Wedgelocks: DEUTSCH DT



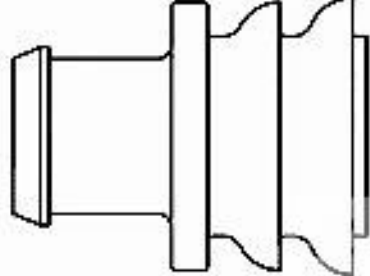
TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



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



TE Part #281934-2
SINGLE WIRE SEAL



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

Documents

Product Drawings

15 RCPT ACT PIN/MS SCRLK

English

CAD Files

Customer View Model

ENG_CVM_CVM_5786144-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5786144-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5786144-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

