

5-747917-5 ✓ ACTIVE

AMPLIMITE

TE Internal #: 5-747917-5

Receptacle, Cable-to-Board, 37 Position, Size 20 Contact Size, 4 Shell Size, 2.79 mm [.11 in] Centerline, Wire & Cable, Solder D-Sub Connectors

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Connectors > D-Shaped Connectors > D-Sub Connectors > Solder D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **37**

Contact Size: **Size 20**

Connector Shell Size: **4**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to Wire & Cable	Solder Cup
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Body Features

Shell Plating Material	Tin
Cable Exit Angle	180°
Primary Product Color	Black
Insert Material	Thermoplastic

Packaging Features

Packaging Method	Tray
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Dimensions

Wire Size	20 AWG
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Housing Features

Shell Material	Steel
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Centerline (Pitch)	2.79 mm [.11 in]
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Mechanical Attachment

PCB Mount Retention Type	None
Mating Retention	With
Mating Retention Type	Mounting Holes
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Copper
	30 μin
Contact Type	Socket
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	3 A

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	4
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	37
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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



Customers Also Bought





Documents

Product Drawings

[37 Rcpt Solder Cup, 30 gold, RoHS Compli](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_5-747917-5_T.2d_dxf.zip](#)

English

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_5-747917-5_T.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_5-747917-5_T.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English