

747460-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 747460-1

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 15 Position,
2.74 mm [.108 in] Centerline, 2 Row, Size 2, Round, Standard Profile,
Right Angle

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm \(39\)](#)

Features

Product Type Features

Grounding Indents	Without
Grounding Straps	Without
Grounded	No
Footprint	14.99 mm[.59 in]
Shell Type	All Plastic
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
D-Sub Shell Size	2
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes

Body Features



Plastic	Yes
Insert Material	Zinc
Connector Profile	Standard
Post Size	.66 mm[.026 in]

Contact Features

Contact Mating Area Plating Material	Gold Flash
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Round
Contact Current Rating (Max)	1.2 A, 2 A, 3.1 A

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.18 mm[.125 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.18 mm[.125 in]

Housing Features

Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Nylon GF, Polyester GF
Housing Color	Black

Dimensions

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

Usage Conditions

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



Circuit Application

Signal

Industry Standards

Approved Standards

UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Package

Packaging Quantity

112

Other

Comment

All receptacles are preloaded with size 20
DF posted socket contacts

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 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
SVHC > Threshold:
Pb (13% 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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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



Documents

Product Drawings

[15 APFL RCPT RA 590](#)

English

CAD Files

Customer View Model

[ENG_CVM_747460-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_747460-1_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_747460-1_H.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English