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170262-1

Connector Contact, Socket, Wire-to-Board / Wire-to-Wire, Wire Size 26 – 20 AWG, Wire Size .12 – .5 mm², Pre-Tin, Strip, Wire & Cable

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TE Internal #: **170262-1**
TE Internal Description: **EIS CONTACT**

Contact Type : **Socket**
Connector System : **Wire-to-Board, Wire-to-Wire**
Wire Size (AWG): **26 – 20**
Wire Size (mm²): **.12 – .5**
Contact Mating Area Plating Material : **Pre-Tin**

[Digital Datasheet](#)

Compatible Parts & Tooling



We are here to help!
Get in touch with our product experts.

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Documents	Features	Product Compliance
Product Drawings	EIS CONTACT EIS CONTACT English	
CAD Files	3D PDF 3D_CVM_CVM_170262-1_N.pdf 3D Customer View Model ENG_CVM_CVM_170262-1_N.2d_dxf.zip English ENG_CVM_CVM_170262-1_N.3d_igs.zip English ENG_CVM_CVM_170262-1_N.3d_stp.zip English	
Datasheets & Catalog Pages	1-1773972-5_EIS_Connectors_Brochure ENG_DS_1-1773972-5_EIS_Connectors_Brochure_0319.pdf English	
Product Specifications	Crimping of AMP EI Series Connector Contacts JPN_SS_114-5035_H.tif Japanese Application Specification	

[↓ JPN_SS_114-5035_H.pdf](#)

Japanese

AMP EI Series, Connector

[↓ JPN_SS_108-5118_K.tif](#)

Japanese

Product Specification

[↓ JPN_SS_108-5118_K.pdf](#)

Japanese

Qualification Test Report

[↓ ENG_SS_501-5044_O.pdf](#)

English

AMP EI Series Connector

[↓ S_501-5044_O.tif](#)

English

Product Environmental Compliance

MD_170262-1_02272019125_dmtec

[↓ ENG_PC_MD_170262-1_AO\(814039\).xlsx](#)

English

MD_170262-1_02272019125_dmtec

[↓ ENG_PC_MD_170262-1_AO\(799042\).xml](#)

English

Instruction Sheets

AMP "EI" Series Connector

[↓ ENG_SS_411-5073_O1.tif](#)

English

Instruction Sheet (non U.S.)

[↓ ENG_SS_411-5073_O1.pdf](#)

English

Agency Approvals

Agency Approval Document

[↓ ENG_AAD_UL_E28476_19780519_A.pdf](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

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

Sealable : **No**

Connector & Contact Terminates To : **Wire & Cable**

Electrical Characteristics

Operating Voltage (VAC): **250**

Insulation Resistance (MΩ): **500**

Dielectric Withstanding Voltage (Max) (VAC): **750**

Contact Features

Contact Base Material : **Brass**

Contact Mating Area Plating Material Thickness (μm): **.8**

Wire Contact Termination Area Plating Material : **Pre-Tin**

Contact Type : **Socket**

Contact Mating Area Plating Material : **Pre-Tin**

Contact Current Rating (Max) (A): **2**

Mechanical
Attachment

Connector Mounting Type : **Cable Mount (Free-Hanging)**

Dimensions

Accepts Wire Insulation Diameter Range :

1.09 – 1.91 mm [.043 – .075 in]

Wire Size (AWG): **26 – 20**

Wire Size (mm²): **.12 – .5**

Usage Conditions

Operating Temperature Range : **-20 – 105 °C [-4 – 221 °F]**

Operation/Application Circuit Application : **Signal**

Packaging
Features

Packaging Quantity : **10000**

Packaging Method : **Strip**

Statement of
Compliance

[Statement of Compliance pdf](#)

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