



WIRE-TO-BOARD CONNECTOR CONTACTS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) EIS CONNCTOR FORMING

El Series | El Series

170262-4
TE Internal Number: 170262-4

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) **26 – 20**

Wire/Cable Size (mm²) **.12 – .5**

Contact Mating Area Plating Material **Gold**

Contact Current Rating (A) **2**

Product Drawings

[CONTACT \(AMP EI SERIES CONNECOR\)](#)

PDF (TIFF AVAILABLE)
English

[CONTACT \(AMP EI SERIES CONNECOR\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Product Specification

[AMP EI Series, Connector](#)

TIF
Japanese

Application Specification

[AMP EI Series, Connector](#)

PDF
Japanese
[Crimping Of AMP EI Series Connector Contacts](#)

TIF
Japanese

[Crimping Of AMP EI Series Connector Contacts](#)

PDF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_170262-4_081820111140](#)
PDF

Instruction Sheets

Instruction Sheet (non U.S.)

[AMP "EI" Series Connector](#)TIF
English[AMP "EI" Series Connector](#)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	Product Type	Contact
	Applies To	Wire/Cable

Electrical Characteristics	Dielectric Withstanding Voltage (VAC)	750
	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	500

Contact Features	Contact Type	Socket
	Contact Mating Area Plating Material	Gold
	Contact Current Rating (A)	2
	Contact Mating Area Plating Thickness (µin)	15
	Contact Base Material	Phosphor Bronze

Termination Features	Crimp Area Plating Material	Gold
----------------------	-----------------------------	-------------

Mechanical Attachment	PCB Mount Retention	Without
-----------------------	---------------------	----------------

Dimensions	Wire/Cable Size (AWG)	26 – 20
	Wire/Cable Size (mm ²)	.12 – .5
	Insulation Diameter	1.09 – 1.91 mm [.043 – .075 in]

Operation/Application	For Use With	Standard Profile Housing
-----------------------	--------------	---------------------------------

Packaging Features	Packaging Method	Strip
	Packaging Quantity	10000

Product Compliance	Statement of Compliance
	PDF

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p> <p>2.0mm, HSG, 7pos 440129-7</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p> <p>EIS POST ASSY V 3P GOLD NATU. 173081-3</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p> <p>6P EIS POST HDR ASSY 173081-6</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p> <p>EIS POST ASSY V 2P GOLD NATU. 173081-2</p> <p>Save to List Find Similar Products</p>
--	--	---	--

Products - 76 Results

[View All](#)

Compare 0/10 [↔](#)


Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)


	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Wire-to-Board Connector Housings EI Series EI Series</p> <p>2P EI REC HSG - 2-171880-2 TE INTERNAL NUMBER: 2-171880-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.5 mm</p> <p>Number of Positions 2</p> <p>Number of Rows 1</p> <p>Color Black</p> <p>Mating Retention With</p>	<input checked="" type="checkbox"/>
---	--	--	-------------------------------------

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Wire-to-Board Connector Housings EI Series EI Series</p> <p>5P EIS HSG - 8-171822-5 TE INTERNAL NUMBER: 8-171822-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.5 mm</p> <p>Number of Positions 5</p> <p>Number of Rows 1</p> <p>Color Red</p> <p>Mating Retention With</p>	<input checked="" type="checkbox"/>
---	---	--	-------------------------------------

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Wire-to-Board Connector

Housings

EI Series | EI Series

E.I.SERIES CONN REC

12P - 3-171822-2

TE INTERNAL NUMBER: 3-171822-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**

Number of Positions **12**

Number of Rows **1**

Color **Black**

Mating Retention **With**