



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 5 POS EIS POST HDR

El Series | El Series

171825-5
TE Internal Number: 171825-5

Always EU RoHS/ELV Compliant

Centerline **2.5 mm [.098 in]**

Number of Positions **5**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

POST HEADER ASSY (VERTICAL) AMP EI SERIES CONNECTOR

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

3D_IGS.ZIP
English

3D PDF

PDF
English

Product Specifications

Product Specification

AMP EI Series, Connector

TIF
Japanese

AMP EI Series, Connector

PDF
Japanese

AMP Mass-Termination "EI" Series Connector

TIF
English

AMP Mass-Termination "EI" Series Connector

PDF
English

Qualification Test Report

AMP EI Series Connector

PDF
English

AMP EI Series Connector

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_171825-5_09062011630](#)

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	PCB Mounting Orientation	Vertical
	Product Type	Connector
	Connector Type	Header
	Strain Relief	Without
	Profile	Low, Standard
	Connector Style	Plug
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	5
	Number of Rows	1
	Number of Positions Applied	5
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Header Type	Shrouded
	Circuit	Standard

Contact Features	Contact Mating Area Plating Material	Tin over Copper
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin over Copper
	Contact Termination Area Plating Thickness (µm)	.8
	Contact Current Rating (A)	3.5
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Contact Base Material	Brass

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without

Mating Retention	With
PCB Mount Retention	Without
Panel Mount Retention	Without
Contact Retention	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Mating Retention Type	Polarized Lock

Housing Features	Centerline	2.5 mm [.098 in]
	Housing Color	Natural
	Housing Material	6/6 Nylon

Dimensions	Tail Length	3.6 mm [.142 in]
	Wire/Cable Size (mm ²)	.08 – .33
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Wire/Cable Size (CMA)	159.8 – 642.4
	Mating Post Length	7.5 mm [.295 in]
	Length	12.5 mm [.492 in]
	Height	10.4 mm [.409 in]
	Wire/Cable Size (AWG)	28 – 22

Usage Conditions	Operating Temperature Range (°C)	-20 – 95
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Operation/Application	For Use With	Receptacle Assembly
	Pick and Place Cover	Without





Industry Standards	UL Flammability Rating	UL 94V-0
	CSA Certified	Yes
	Agency/Standard	UL

Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>EIS HSG 1-171825-0</p> <p>Save to List Find Similar Products</p>	<p>STANDARD RECTANGULAR CONNECTORS</p>  <p>RITS CONN.PLUG ASSY 3P YELLOW 1473562-3</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>EIS REC. HSG 171822-5</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>POST HDR ASSY VERT AMP EI CONN 171825-6</p> <p>Save to List Find Similar Products</p>
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Products - 2 Results

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector Housings
EI Series | EI Series

LOW PRO EI REC HSG 5P - 172142-5
TE INTERNAL NUMBER: 172142-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**
Number of Positions **5**
Number of Rows **1**
Color **Natural**
Mating Retention **With**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector Housings
EI Series | EI Series

EIS REC. HSG - 171822-5
TE INTERNAL NUMBER: 171822-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm**
Number of Positions **5**
Number of Rows **1**
Color **Natural**
Mating Retention **With**

