



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) V-TYPE E.I.S CONN. 3P ASSY

El Series | El Series

172106-3
TE Internal Number: 172106-3

Converted to EU RoHS/ELV Compliant

Centerline **5 mm [.197 in]**

Number of Positions **3**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
Japanese

3D PDF

Product Drawings

5mm PITCH POST HEADER ASSY (VERTICAL) AMP EI SERIES CONNECTOR
PDF (TIFF AVAILABLE)
Japanese

5mm PITCH POST HEADER ASSY (VERTICAL) AMP EI SERIES CONNECTOR
PDF (TIFF AVAILABLE)
Japanese

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

3D PDF
PDF
English

Product Specifications

Product Specification

AMP El Series, Connector
TIF
Japanese

AMP El Series, Connector
PDF
Japanese

AMP Mass-Termination "El" Series Connector
TIF
English

AMP Mass-Termination "El" Series Connector
PDF
English

Product Environmental Compliance

TE Material Declaration

V-TYPE E.I.S CONN. 3P ASSY

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	3
	Number of Rows	1
	Number of Positions Applied	5
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
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 Current Rating (A)	3.5
	Contact Shape	Square
	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	Without
	Mating Retention Type	Polarized Lock
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Housing Features	Centerline	5 mm [.197 in]
	Housing Color	Natural
	Housing Material	Nylon - GF
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Dimensions	Tail Length	3.6 mm [.142 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Mating Post Length	7.5 mm [.295 in]
	Length	12.5 mm [.492 in]
	Height	10.4 mm [.409 in]
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Usage Conditions	Operating Temperature Range (°C)	-20 – 95
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Operation/Application	For Use With	Receptacle Assembly
	Pick and Place Cover	Without
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Industry Standards	UL Flammability Rating	UL 94V-0
	CSA Certified	Yes
	Agency/Standard	UL
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Packaging Features	Packaging Method	Bag
	Packaging Quantity	500
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Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	