

HEADERS & RECEPTACLES





TE CONNECTIVITY (TE) E.I.S 12P POST ASSY GREEN (V) El Series | El Series

7-171825-2 TE Internal Number: 7-171825-2

Converted to EU RoHS/ELV Compliant

Centerline 2.5 mm [.098 in] Number of Positions 12 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 El Series, Connector PDF Japanese

AMP Mass-Termination "El" Series Connector TIF **English**

AMP Mass-Termination "El" Series Connector PDF **English**

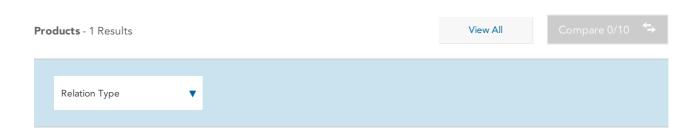
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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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	12
	Number of Rows	1
	Number of Positions Applied	12
	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 Features	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin over Copper
	Contact Termination Area Plating Thickness	.8
	(µm)	
	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 Without
	PCB Mount Alignment	With
	Mating Retention PCB Mount Retention	Without
	Panel Mount Retention	Without
	Contact Retention	Without
	Mating Alignment Type	Polarization
	Mating Alignment	With
	maning Angrintellt	*****

	Mating Retention Type	Polarized Lock
Housing Features	Centerline	2.5 mm [.098 in]
	Housing Color	Green
	Housing Material	6/6 Nylon
Dimensions	Tail Length	3.6 mm [.142 in]
	Wire/Cable Size (mm²)	.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	30 mm [1.181 in]
	Height	10.4 mm [.409 in]
	Wire/Cable Size (AWG)	28 – 22
Usage Conditions	Operating Temperature Range (°C)	-20 – 95
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	250
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE



See All Mating Products

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PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector Housings El Series I El Series EIS REC HSG 12P GREEN - 7-171822-2 TE INTERNAL NUMBER: 7-171822-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.5 mm** Number of Positions **12**

Number of Rows **1**

Color Green

Mating Retention With