

HEADERS & RECEPTACLES



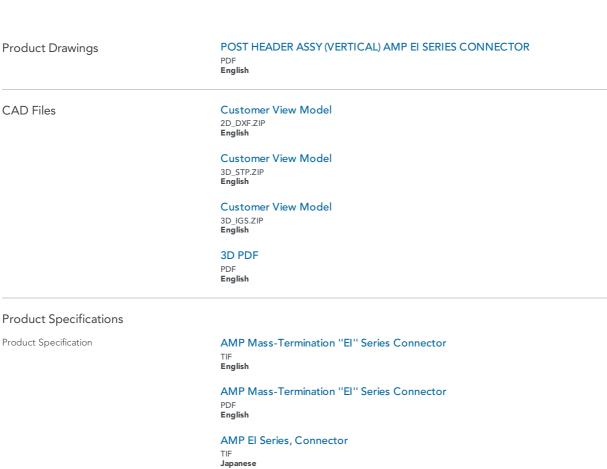
PRODUCT DRAWING
English
3D PDF

TE CONNECTIVITY (TE) E.I.S 6P POST ASSY GREEN (V) El Series | El Series

6-171825-6 TE Internal Number: 6-171825-6

Always EU RoHS/ELV Compliant

Centerline **2.5 mm [.098 in]** Number of Positions **6** PCB Mounting Orientation **Vertical** PCB Mounting Style **Through Hole** Number of Rows **1**



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

AMP El Series, Connector

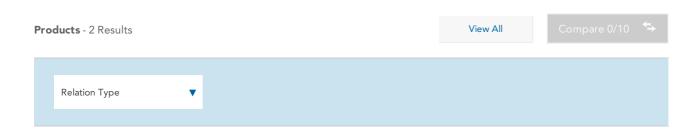
PDF **Japanese**

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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	6
	Number of Rows	1
	Number of Positions Applied	6
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Shrouded
	Circuit	Standard
Contact Features	Contact Mating Area Disting Material	Tin over Conner
Contact realures	Contact Mating Area Plating Material Contact Type	Tin over Copper 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
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Panel Mount Retention	
	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	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	15 mm [.591 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	500
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE



See All Mating Products

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector Housings El Series I El Series EIS REC HSG 6P RED - 6-171822-6 TE INTERNAL NUMBER: 6-171822-6

✓ Active

Not reviewed for RoHS Compliance

Centerline **2.5 mm**

Number of Positions ${\bf 6}$

Number of Rows 1

Color Green

Mating Retention With

RELATIONSHIP Mating Products Used to identify Mating Parts



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector Housings El Series I El Series REC HSG LOW PROFILE El 6P - 6-172142-6 TE INTERNAL NUMBER: 6-172142-6

✓ Active

Not reviewed for RoHS Compliance

Centerline **2.5 mm** Number of Positions **6**

Number of Rows **1**

Color Green

Mating Retention With