



4-1744524-6 Product Details

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Economy Power Connectors

EP 06P HEADER ASY NO 5 PIN

4-1744524-6

TE Internal Number: 4-1744524-6

Active

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Product Highlights [View All](#)

- Economy Power Product Line
- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- 6 Positions

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Please Note:

Use the Product Drawing for all design activity

Product Type Features	
Product Line	Economy Power
Product Type [?]	Connector
Connector Type	Header
PCB Mounting Orientation	Vertical
PCB Mount Alignment	Without

Mechanical Attachment	
Mating Retention Type	Latch(ing)

Electrical Characteristics	
Contact - Rated Current (A)	7.5
Operating Voltage Reference	AC
Operating Voltage (VAC)	250

Termination Features	
Termination Method to PC Board	Through Hole - Solder

Dimensions	
Mating Post Length (mm [in])	7.70 [0.303]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]
Tail Length (mm [in])	3.69 [0.145]
Length (X-Axis) (mm [in])	23.76 [0.9354]
Width (Z-Axis) (mm [in])	10.90 [0.429]
Profile Height (Y-Axis) (mm [in])	8.50 [0.3346]

Body Features	
Selectively Loaded	Yes
Header Type	Unshrouded
Mating Retention	With

Contact Features	
Contact Type	Pin
Contact Plating, Termination Area, Material	Tin
Contact Plating, Termination Area, Thickness (µm [µin])	3.05 [120]
Contact Plating, Mating Area, Thickness (µm [µin])	3.05 [120.08]
Contact Plating, Mating Area, Material	Tin
Contact Design	Square Post
Contact Base Material	Brass

Housing Features	
Centerline (mm [in]) [?]	3.96 [0.156]
Connector Style	Plug
Housing Color	Natural
Housing Material	Nylon - GF
Mating Alignment	Without

Configuration Features	
Number of Positions [?]	6
Number of Rows	1

Industry Standards	
RoHS/ELV Compliance [?]	RoHS compliant, ELV compliant
Lead Free Solder Processes [?]	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Environmental	
Operating Temperature (°C [°F])	-25 - +105 [-13 - +221]

Conditions for Usage	
Applies To	Printed Circuit Board
Glow Wire Rating	Glow Wire

Operation/Application	
Application Use	Wire-to-Board
Contact Transmits (Typical Application)	Power

Other	
Brand	AMP

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