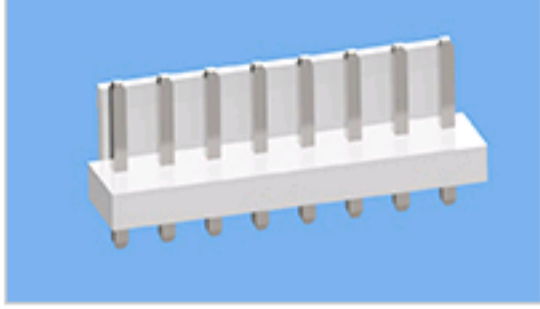





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1744489-6 Product Details

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Economy Power Connectors

3.96 EP HDR ASY 06P NO PEG, GW

1744489-6

TE Internal Number: 1744489-6

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 Retention | Without |
| PCB Mount Alignment | Without |
| Sealed | No |

| 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]) | 9.40 [0.370] |
| Profile Height (Y-Axis) (mm [in]) | 8.21 [0.323] |

| Body Features | |
|--------------------|------------|
| Selectively Loaded | No |
| Header Type | Unshrouded |

| Contact Features | |
|---|-----------------|
| Contact Type | Pin |
| Contact Plating, Termination Area, Material | Tin |
| Contact Plating, Termination Area, Thickness (µm [µin]) | 0.003 [0.00012] |
| Contact Plating, Mating Area, Thickness (µm [µin]) | 0.003 [0.00012] |
| 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 | With |

| Configuration Features | |
|------------------------|---------|
| Number of Positions | 6 |
| Number of Rows | 1 |
| Tail Orientation | In-line |

| 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 |

| Packaging Features | |
|--------------------|---------|
| Packaging Method | Bag/Box |

| Other | |
|-------|-----------------|
| Brand | TE Connectivity |

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