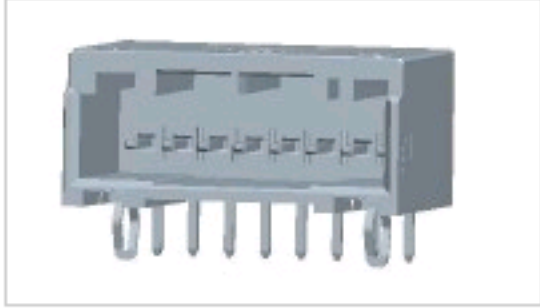




2-1939760-8 Product Details

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Active

Dynamic Series Connectors

HDR ASSY (H-TYPE) 8POS Y-KEY Au

2-1939760-8

TE Internal Number: 2-1939760-8

Product Highlights [View All](#)

- Dynamic Series Product Line
- D-1100S Series
- Series No. = 1000
- Wire-to-Board
- Applies To Printed Circuit Board

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Please Note:
Use the Product Drawing for all design activity

| Product Type Features | |
|--------------------------|----------------|
| Product Line | Dynamic Series |
| Product Type | Connector |
| Connector Type | Header |
| Insertion Force | Standard |
| PCB Mounting Orientation | Right Angle |
| PCB Mount Retention | With |
| Sealed | No |
| CSA File Number | LR7189 |

| Mechanical Attachment | |
|-----------------------|------------|
| Mating Retention Type | Latch(ing) |

| Electrical Characteristics | |
|-----------------------------|-------|
| Contact - Rated Current (A) | 3 |
| Operating Voltage Reference | AC/DC |
| Operating Voltage (VAC) | 125 |
| Operating Voltage (VDC) | 125 |

| Termination Features | |
|----------------------------------|-----------------------|
| Termination Method to Wire/Cable | Solder |
| Termination Method to PC Board | Through Hole - Solder |

| Dimensions | |
|--------------------------------------|-----------------------------|
| Tail Length (mm [in]) | 3.1 [0.122] |
| PCB Thickness, Recommended (mm [in]) | 1.00 - 1.60 [0.039 - 0.063] |

| Body Features | |
|------------------|------|
| Mating Retention | With |

| Contact Features | |
|--|---------------|
| Contact Type | Tab |
| Contact Layout | Single Row |
| Contact Base Material | Copper Alloy |
| Contact Plating, Mating Area, Material | Gold |
| Contact Plating, Mating Area, Thickness (µm [µin]) | 0.38 [15] |
| Multiple Contact Types | Without |
| Tail Plating Material | Tin |
| Tail Plating Thickness (µm [µin]) | 2 [78.74] |
| Underplate Material | Nickel |
| Underplate Material Thickness (µm [µin]) | 1.27 [50.000] |

| Housing Features | |
|-----------------------|----------------|
| Connector Style | Plug |
| Centerline (mm [in]) | 2.00 [0.079] |
| Housing Material | Polyester - GF |
| Housing Color | Black |
| Mating Alignment | With |
| Mating Alignment Type | Keyed |

| Configuration Features | |
|------------------------|---|
| Number of Positions | 8 |
| 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 |
| Agency/Standard | UL, CSA |
| UL Rating | Recognized |
| UL File Number | E28476 |
| CSA Rating | Certified |
| UL Flammability Rating | UL 94V-0 |

| Identification Marking | |
|------------------------|---|
| Keying | Y |

| Environmental | |
|---------------------------------|-------------------------|
| Operating Temperature (°C [°F]) | -55 - +105 [-67 - +221] |

| Conditions for Usage | |
|----------------------|-----------------------|
| Applies To | Printed Circuit Board |
| For Use With | Receptacle Housing |

| Operation/Application | |
|---|---------------|
| Application Use | Wire-to-Board |
| Contact Transmits (Typical Application) | Signal (Data) |

| Packaging Features | |
|--------------------|----------|
| Packaging Method | Tube/Box |
| Packaging Quantity | 25 |

| Other | |
|------------|-----------------|
| Series | D-1100S |
| Series No. | 1000 |
| Brand | TE Connectivity |

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