

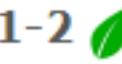
1823271-2 Product Details

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HSD (High Speed Data) Connectors

4POS, PIN DIA 0.6, HEADER ASSY, CODB

1823271-2


TE Internal Number: 1823271-2

[Product Highlights](#) [View All](#)

- Connector
- Applies To Printed Circuit Board
- Wire-to-Board
- Header
- Connector Style = Plug

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Please Note:
 Use the Product Drawing for all design activity

Product Type Features

| | |
|--------------------------|------------------------|
| Product Type | Connector |
| Connector Type | Header |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Retention Solder Tails |
| PCB Mounting Orientation | Vertical |

Mechanical Attachment

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

Termination Features

| | |
|--------------------------------|-----------------------|
| Termination Method to PC Board | Through Hole - Solder |
|--------------------------------|-----------------------|

Dimensions

| | |
|-----------------------------------|---------------|
| Length (X-Axis) (mm [in]) | 17.40 [0.685] |
| Width (Z-Axis) (mm [in]) | 12.00 [0.472] |
| Profile Height (Y-Axis) (mm [in]) | 14.20 [0.559] |

Body Features

| | |
|------------------|----------|
| Header Type | Shrouded |
| Mating Retention | With |

Contact Features

| | |
|-------------------------|------------------|
| Contact Type | Pin |
| Center Contact Material | CuSn4 |
| Center Contact Plating | Gold over Nickel |
| Outer Contact Material | CuSn4 |
| Outer Contact Plating | Tin |

Housing Features

| | |
|-----------------------|------------|
| Connector Style | Plug |
| Housing Color | Natural |
| Housing Material | PPA - GF25 |
| Mating Alignment | With |
| Mating Alignment Type | Keyed |

Configuration Features

| | |
|---------------------|-----|
| Number of Positions | 4 |
| Shielded | Yes |

Industry Standards

| | |
|-----------------------------|--|
| RoHS/ELV Compliance | RoHS compliant, ELV compliant |
| Lead Free Solder Processes | Reflow solder capable to 245°C, Reflow solder capable to 260°C |
| RoHS/ELV Compliance History | Always was RoHS compliant |

Identification Marking

| | |
|----------------|---|
| Key Identifier | B |
|----------------|---|

Environmental

| | |
|---------------------------------|-------------------------|
| Operating Temperature (°C [°F]) | -40 - +105 [-40 - +221] |
|---------------------------------|-------------------------|

Conditions for Usage

| | |
|--------------|-----------------------|
| Applies To | Printed Circuit Board |
| For Use With | Socket Housing |

Operation/Application

| | |
|---|---------------|
| Application Use | Wire-to-Board |
| Contact Transmits (Typical Application) | Signal (Data) |
| Industry Application | Automotive |

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

Other

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

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