



2214574-8 Product Details

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Pluggable Connectors, Cages & Accessories

2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY

2214574-8

TE Internal Number: 2214574-8

Preliminary
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Product Highlights [View All](#)

- QSFP+ Product Line
- Cage Assembly with Integrated Connector
- QSFP10 Application
- Connector Style = Receptacle
- Cage Type = Stacked

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Please Note:
Use the Product Drawing for all design activity

Product Type Features

| | |
|--------------|---|
| Product Line | QSFP+ |
| Product Type | Cage Assembly with Integrated Connector |

Mechanical Attachment

| | |
|----------------------|---------------|
| PCB Mount | Single Sided |
| Bezel Mounting Style | Through Bezel |

Electrical Characteristics

| | |
|-------------------------|----------|
| Data Signal Rate (Gb/s) | Up to 56 |
|-------------------------|----------|

Termination Features

| | |
|--------------------------------|--------------------------|
| Termination Method to PC Board | Through Hole - Press Fit |
|--------------------------------|--------------------------|

Dimensions

| | |
|--------------------------------------|--------------|
| Tail Length (mm [in]) | 2.05 [0.081] |
| PCB Thickness, Recommended (mm [in]) | 1.57 [0.062] |

Body Features

| | |
|------------------------|-----|
| Integrated Light Pipes | Yes |
|------------------------|-----|

Contact Features

| | |
|--|--------------|
| Contact Plating, Mating Area, Material | Gold |
| Tail Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Plating, Mating Area, Thickness (µm [µin]) | 0.76 [29.92] |

Housing Features

| | |
|------------------|------------------------------|
| Connector Style | Receptacle |
| Cage Type | Stacked |
| Housing Material | LCP (Liquid Crystal Polymer) |
| Housing Color | Black |
| Cage Material | Nickel Silver |

Configuration Features

| | |
|-------------------------|--------------------|
| Port Configuration | 2x2 |
| Heat Sink Included | No |
| Lightpipe | With |
| Lightpipe Configuration | All Four Up |
| EMI Containment | Elastomeric Gasket |

Industry Standards

| | |
|-----------------------------|---|
| RoHS/ELV Compliance | RoHS compliant, ELV compliant |
| Lead Free Solder Processes | Not reviewed for lead free solder process |
| RoHS/ELV Compliance History | Always was RoHS compliant |
| UL Flammability Rating | UL 94V-0 |

Conditions for Usage

| | |
|--------------|-----------------------|
| For Use With | QSFP+ Cable Assembly |
| Applies To | Printed Circuit Board |

Operation/Application

| | |
|-----------------------|--------|
| Application | QSFP10 |
| Heat Sink Application | No |

Packaging Features

| | |
|------------------|----------|
| Packaging Method | Tray/Box |
|------------------|----------|

Other

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

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