

# TE High Speed I/O Connectors

RoHS Compliant This product is RoHS compliant.

## CXP PLUGGABLE I/O INTERCONNECTS

### Specifications:

- Connector signal integrity performance meets requirements of InfiniBand CXP specification
- Enhanced footprint (EF) offers superior isolation at the board termination
- Fully shielded and bezel gasket integrated for EMI containment
- Current rating: 0.5 amps max. per pin

### Applications:

- Controller Cards and Servers
- Network Switches
- Routers
- Storage Devices
- Direct Attached Storage (DAS)
- Storage Attached Networks (SAN)
- Network Attached Storage (NAS)



### CXP Receptacle Assemblies

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Height (mm)	Profile	Cover	Heat Sink	Light Pipe	Price Each			
								1	25	50	100
571-2149152-1	2149152-1	A	11.88	Standard	Yes	No	No	30.21	28.35	26.71	25.24
571-2149159-3	2149159-3	B	16.37	Standard	No	Yes	Yes	36.52	34.27	32.28	30.52
571-2149699-1	2149699-1	C	11.55	Belly-Belly (Standard)	Yes	No	No	31.49	29.55	27.84	26.31
571-2149731-1	2149731-1	C	11.55	Belly-Belly (Extended)	Yes	No	No	44.65	41.90	39.47	37.31

### Cable Assembly

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Length	Description	Price Each	
				1	5
571-2148039-1	2148039-1	1M	24Fiber C/A, 50/125µm OM2, MPO (f) -MPO (f)	226.16	199.38

## z-QUAD SMALL FORM-FACTOR PLUGGABLE PLUS (zQSFP+) CONNECTORS

### Features:

- Backwards-compatible with QSFP optical modules and cable assemblies
- Enhanced EMI cage helps provide excellent thermal performance/EMI protection
- Staggered press-fit pins for belly-to-belly applications
- High-temperature, thermoplastic housing

### Specifications:

- Current rating: 0.5 Amps maximum per pin
- Maximum Voltage Rating: 30 VDC
- Maximum Mating Force: 40N
- Durability (minimum): 250 cycles
- Operating Temperature: -20°C to +65°C



### Connector

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	100	500
571-1551920-2	1551920-2	D	zQSFP+ connector assembly	5.80	5.27	4.83

### Cages

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	25	50
571-1551891-1	1551891-1	E	zQSFP+ 1x1 cage assembly behind bezel	16.16	14.69	13.46
571-2173238-1	2173238-1	E	zQSFP+ 1x3 cage assembly behind bezel	22.10	20.09	18.41
571-1551892-1	1551892-1	F	zQSFP+ 1x1 cage assembly behind bezel with heat sink	24.14	21.94	20.11

## QSFP+ CONNECTOR

An enhanced QSFP+ surface-mount connector that offers superior electrical performance for 40Gb/s InfiniBand and Ethernet (4x10Gb/s) standards applications. The 38 position connector meets the SFF-8436 industry standard -- including the interface and host board layout.

### Features:

- Improved performance in insertion loss, return loss and crosstalk
- Upgraded internal contact and housing structure for optimized signal integrity

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	25	50
571-2110819-1	2110819-1	G	38P QSFP+ 10Gbps - Everclear	5.18	4.87	4.36

## QSFP SERIES CONNECTORS AND ACCESSORIES

### Features:

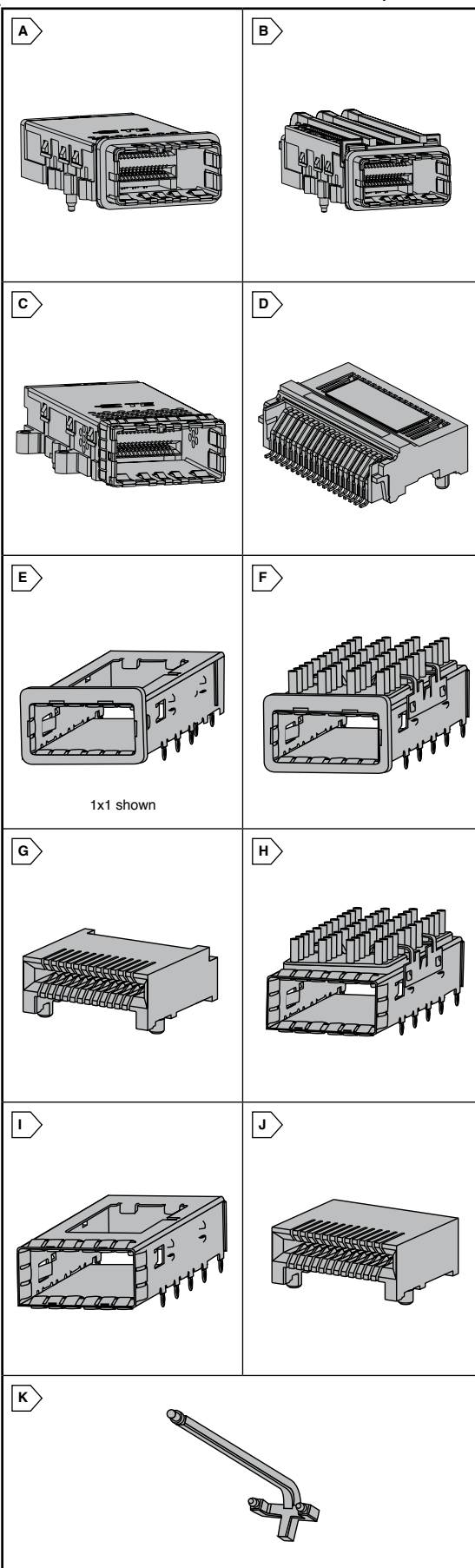
- 4 channels at 10Gb/s per channel
- Proven springs and gasket designs for EMI containment
- Single and dual lightpipes
- Riding heatsinks for thermal dissipation, various fin heights available
- Belly-to-belly compatible (double-sided PCB's)
- Press-fit termination
- Port-to port spacing-21.0mm (through-bezel)/23.5 (behind-bezel)

### Applications:

- Switches
- Routers
- Host Bus Adapters (HBA's)
- Enterprise Storage
- High Speed, High Density I/O
- Multiple Channel Interconnects

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
<b>QSFP Cage Kits</b>						
571-1888968-2	1888968-2	F	QSFP Cage kit with SAN heatsink, Behind-bezel mount	28.11	27.71	26.07
571-1888968-3	1888968-3	F	QSFP Cage kit with Networking heatsink, Behind-bezel mount	28.11	26.63	23.91
571-1888631-1	1888631-1	H	QSFP Cage kit with PCI heatsink, Through-bezel mount	24.16	23.43	21.81
571-1888631-2	1888631-2	H	QSFP Cage kit with SAN heatsink, Through-bezel mount	27.52	26.26	24.92
<b>QSFP Cages</b>						
571-1888781-1	1888781-1	E	QSFP Cage, Behind-bezel mount	14.56	14.00	13.24
571-1888617-1	1888617-1	I	QSFP Cage, Through-bezel mount	15.98	15.05	14.53
571-1888674-1	1888674-1	I	QSFP Cage, with lightpipe tab, Through-bezel mount	25.06	23.66	22.27
<b>QSFP Connector</b>						
571-1761987-9	1761987-9	J	38 Position, EVERCLEAR, QSFP	5.59	5.40	5.25
<b>Light Pipe</b>						
571-1888634-1	1888634-1	K	Single lightpipe	1.15	1.09	1.02



DataNetwork/Telecom  
TE Connectivity