

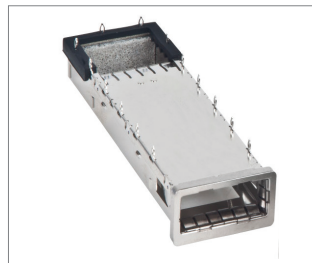
XFP

Product Description

XFP is a 30 position 0.8 mm pitch SMT receptacle designed to support 10 Gigabit Fibre Channel and Gigabit Ethernet with the ability to extend performance to 14 Gbps. It is constructed from a metal frame and the cage assembly is to be bezel-mounted to an I/O panel with compliant pins for pressing onto the host PCB. Its single row cage configuration requires less space and is a cost optimized alternative to parallel-optics VSR. XFP also requires less than one-third the power and physical space of an MSA interconnect with parallel interface. It has a single footprint for all links and is hot-pluggable. The cage assembly has several EMI shielding options such as an elastomeric gasket, which blocks EMI emissions coming from the transceiver when installed.

Applications	Supported Standards
Data networking equipment	Connector/Cage INF-8077
Storage	
Telecommunication networks	

Product Specifications - XFP			
CONNECTOR		CAGE	
Materials Specifications			
Housing	Black color, Glass reinforced , Lead Free Solder Reflow, Process Compatible Thermo Plastic	PCB Thickness	
Contacts Base Material	Phosphor Bronze	Single Side Mounting	1.57 mm (0.062 in.)
Contact Normal Force	100 grams	Double Side Mounting	3.00 mm (0.118 in.)
Plating Solder Tails	Matte tin or gold flash options		
Plating Mating Area	Gold		
Operating & Storage Temperature	-40° to +85° C		
Electrical Specifications			
Operating Voltage	30 VDC per contact		
Operating Current	0.5 A per contact		
Differential impedance	100 Ω +/-10 Ω		
Mechanical Specifications			
Mating Force	40 N max.	Unmating Force	30 N max.
Durability	250 mating cycles	Insertion Force to PCB	133 N min.
Options			
Packaging	Tape and Reel	Packaging	Tray, Tape and Reel
Configurations	1x1		
Environmental Specifications Options			
RoHS	Yes		
Halogen Free	Yes		
Flammability Rating	UL 94V-0		



Ordering Information

XFP Connector		UE75	A	30	X	0	0	X	T
UE75	SERIES DESIGNATION UE75 - Standard XFP Connector								
A	STYLE A - R/A Single Surface Mount								
30	NUMBER OF POSITIONS 30 - 30 Positions (Single XFP)								
									PACKAGING T - Tape & Reel
									LUBRICANT OPTION 0 - Non Lubricated 1 - Lubricant Added
									OPTION 2 0 - Standard
									OPTION 1 0 - Standard
									CONTACT PLATING 2 - 30 μ" (0.76 μm) Gold Plating on Mating Area; Gold Flash on Termination 3 - 30 μ" (0.76 μm) Gold Plating on Mating Area; Matte Tin Plating on Termination 5 - 15 μ" (0.38 μm) Gold Plating on Mating Area; Gold Flash on Termination 6 - 15 μ" (0.38 μm) Gold Plating on Mating Area; Matte Tin Plating on Termination

XFP Cage		U79	A	1	X	1	2	X	X	X
U79	SERIES DESIGNATION									
A	STYLE A - 1 Row									
1	NUMBER OF PORTS IN ROW 1 - Single in Row									
X	HEAT SINK OPTION 0 - No Heat Sink, Only Clip is Shipped 1 - No Heat Sink or Clip Shipped 2 - Standard Height Fin Heat Sink (7 mm) & Clip 3 - PCI Height Fin Heat Sink (4.2 mm) & Clip 4 - Tall Fin Heat Sink (13.5 mm) & Clip G - 45° Standard Height Fin Heat Sink (7mm) & Clip									
1	OPTION 1 1 - Standard									
										PACKAGING 1 - Tray (Heat Sink & Clip Shipped Separately) T - Tape & Reel (Heat Sink & Clip Shipped Separately) B - Tray (Clip Shipped Assembled to Cage) A - Tray (Heat Sink & Clip Assembled to Cage)
										OPTION 1 0 - Standard 1 - High Conductivity Rear Lower EMI Gasket 2 - Insulating Tape Attached to Bottom Cage Wall
										DUST COVER OPTION 0 - Without Dust Cover D - With Dust Cover (Shipped Loose)
										PLATING 2 - Nickel



Order Information:

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For more information consult factory or visit amphenol-highspeed.com

Product Applications; List represents common uses for the product but is not limited to these uses.

