CFP2

Product Description

CFP2 series offers a 104 position, 0.6mm pitch connector designed to be compatible with 100 Gbps Form Factor Pluggable (CFP) Multi-Source Agreement for Ethernet and other applications. It is used in multi-hundred Gbps systems and is comprised of insert molding assemblies for top contacts and Press-Fit cage assemblies. Rated for 25 Gbps per channel with resonance dampening for improved signal integrity, CFP2 has up to 60% lower power consumption versus CFP. An optional riding heat sink ensures proper thermal dissipation. Compliable with IEEE and ITU-T applications, the CFP2 footprint is compatible with other industry suppliers.

	Applications
	Carrier Networks and Data Centers
	Large Data Center Campus Connectivity
	Metro Area Networks

Supported Standards	
CFP2 MSA	

Product Specifications - CFP2					
CONNECTOR		CAGE			
Materials Specifications					
Housing	Black color, Glass reinforced , Lead Free Solder Reflow Process Compatible Thermo Plastic	PCB Thickness	3.00 mm (0.118 in.)		
Contacts Base Material	Phosphor Bronze				
Contact Normal Force	40 grams				
Plating Mating Area	Gold				
Plating Solder Tails	Matte tin				
Resonance Dampening Feature	Conductive Polymer				
Operating Temperature	-40° to +85° C				
Electrical Specifications					
Operating Voltage	3.3 VDC per contact				
Operating Current	3.75A per contact				
Differential impendance	100 Ω +/- 10 Ω				
Mechanical Specifications					
Mating Force	80 N	Unmating Force	50 N		
Durability	200 mating cycle	Insertion Force to PCB	2 port- 2000N max		
Options					
Packaging	Tape and Reel	Packaging	Tray		
EMI Options	Available				
Configurations	1 X1, 1X2				
Environmental Specifications					
RoHS	Yes				
Halogen Free	Yes				
Flammability Rating	UL 94V-0				





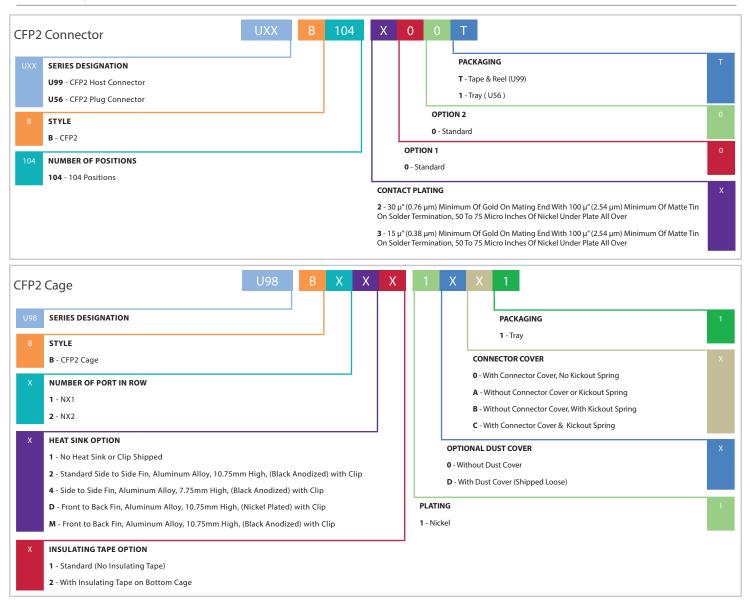








Ordering Information





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

