

# CFP4

## Product Description

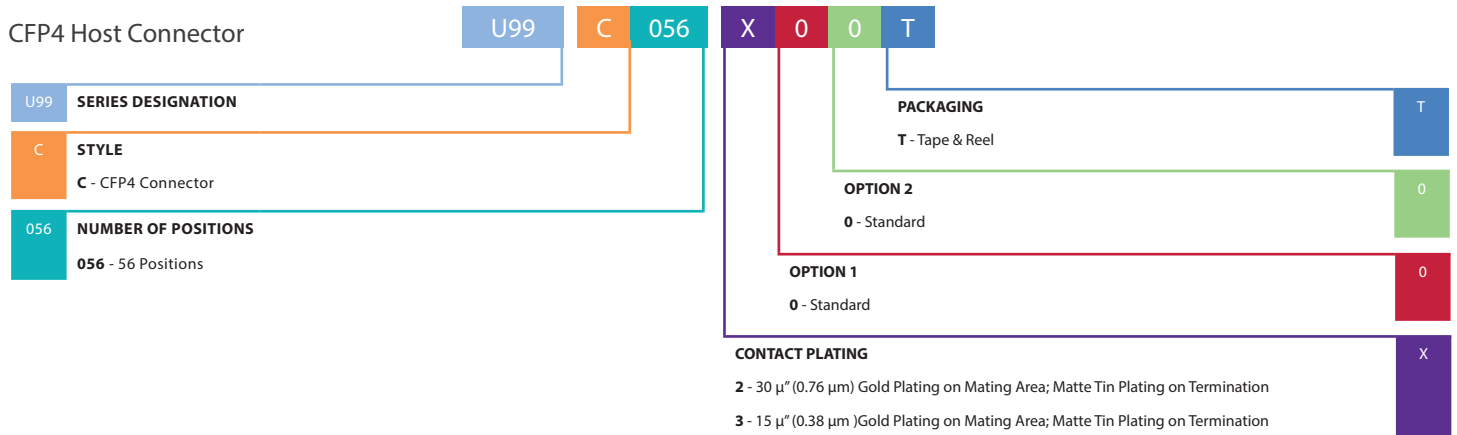
CFP4 series offers a 56 position, 0.6mm pitch connector and is used in multi-hundred Gbps systems. It is comprised of insert molding assemblies for top side contacts and Press-Fit cage assemblies. Rated for 25 Gbps per channel with resonance dampening for improved signal integrity, CFP4 has up to 60% lower power consumption versus CFP. The CFP4 series includes a plug connector on the mating interface to improve accuracy and aid in delivering high speed performance. CFP4 has the ability to be a customized solution with an optional riding heat sink that ensures proper thermal dissipation. It is also compliant with IEEE and ITU-T applications.

Applications	Supported Standards
Carrier Networks and Data Centers	CPF4 MSA
Large Data Center Campus Connectivity	
Metro Area Networks	

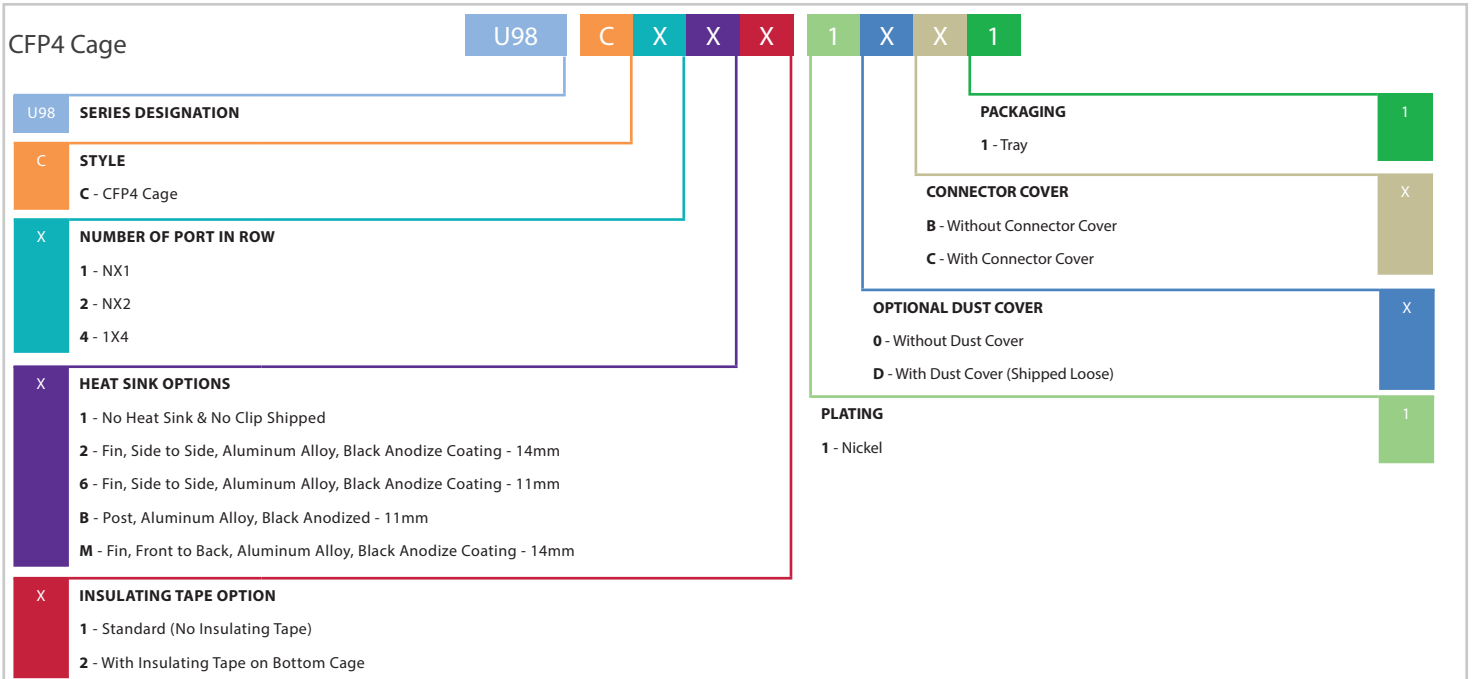
Product Specifications - CFP4			
CONNECTOR		CAGE	
<b>Materials Specifications</b>			
<b>Housing</b>	Black color, Glass reinforced , Lead Free Solder Reflow Process Compatible Thermo Plastic	<b>PCB Thickness</b>	3.00 mm (0.118 in.)
<b>Contacts Base Material</b>	Phosphor Bronze		
<b>Contact Normal Force</b>	40 grams		
<b>Plating Mating Area</b>	Gold		
<b>Plating Solder Tails</b>	Matte tin		
<b>Resonance Dampening Feature</b>	Conductive Polymer		
<b>Operating Temperature</b>	-40° to +85° C		
<b>Electrical Specifications</b>			
<b>Operating Voltage</b>	3.3 V DC per contact		
<b>Operating Current</b>	1.87 A per contact		
<b>Mechanical Specifications</b>			
<b>Mating Force</b>	60 N	<b>Unmating Force</b>	50 N
<b>Durability</b>	200 mating cycle	<b>Insertion Force to PCB</b>	2 port - 2000N max
<b>Options</b>			
<b>Packaging</b>	Tape and Reel	<b>Packaging</b>	Tray
<b>Configurations</b>	1X1, 1X2, 1X4		
<b>Environmental Specifications</b>			
<b>RoHS</b>	Yes		
<b>Halogen Free</b>	Yes		
<b>Flammability Rating</b>	UL 94V-0		

# Ordering Information

## CFP4 Host Connector



## CFP4 Cage



### Order Information:

P: 416.291.4401 | F: 416.292.0647 | E: cages@amphenol-highspeed.com

For more information consult factory or visit [amphenol-highspeed.com](http://amphenol-highspeed.com)

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

