

The enhanced QSFP+ connector and mechanical kit is supports data rates up to 28Gbps per channel. All products are designed in accordance with the Multi-Source Agreement (MSA).

SPECIFICATIONS

Operating Temp. Range:	- 20° to 85° C
Durability:	100 cycles
Plug in Force:	55 N max. with Heatsink
Pull-out Force:	45 N max. with Heatsink
Press fit insertion force:	140 N min.
Test Standard:	EIA-364

MATERIALS AND FINISH

Contact:	Copper Alloy
Contact area:	Ni-Au
Soldering area:	Sn
Insulator:	LCP

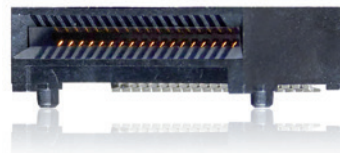
FEATURES

- High-speed 28 Gbps
- Pitch: 0.8 mm
- Pin Count: 38 Pins
- Compatible with existing QSFP
(Infiniband: QDR / FDR / EDR) module
- Fully compatible foot pattern with existing QSFP connector
- QSFP56 under development
- RoHS2011/65/EU
- REACH conform according to EU Regulation 1907/2006

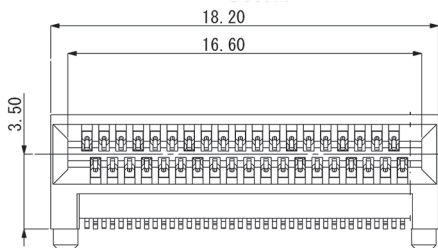
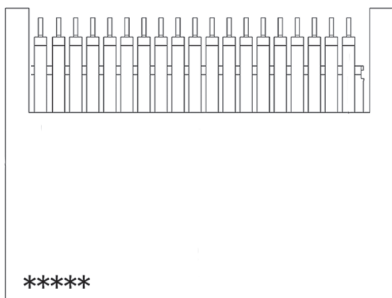
PART NUMBER

CN120 - 038 - * 00 *

Series	↑
No. of Contacts	↑
0 = Style B 1 = Style A	↑
Contact Plating	↑
1 = 0.76 μm Au	
2 = 0.40 μm Au	

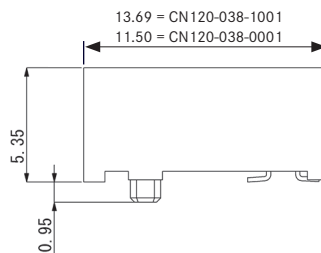
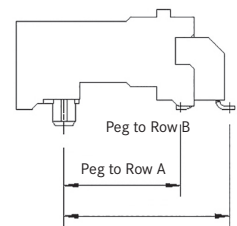


OUTLINE DIMENSIONS - CN120-038-XXXX HOST CONNECTOR



STYLE DEFINITION

Style	SFF Spec.	Peg to Row	
		A	B
A	SFF 8662	7.37	9.88
B	SFF 8672	5.18	7.69



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Test Standard:	EIA-364

MATERIALS AND FINISH

Cage:	Stainless, Degreasing
Heatsink:	Aluminium, Anodizing Treatment
Clip:	Stainless, Degreasing
Light Pipe:	Polycarbonate

FEATURES

- Complies with W7SFF-8683
- Optional single or double light pipes
- Heatsink with 3 different heights (4.2, 6.5 and 13.5 mm)
- Mechanical kit (Style A: Planing, Style B available)
- RoHS2011/65/EU
- REACH conform according to EU Regulation 1907/2006

PART NUMBER MECHANICAL KIT

CN120A - ** O * - * *

Series	↑
Cage Assembly Type: 11 = 1 x 1 Assembly 14 = 1 x 4 Assembly	↑
Product Type: 1 = EMI Elastomer Gasket 2 = Through Bezel (Spring Finger)	↑
Heatsink: 0 = No Heatsink 1 = With Heatsink (Height = 13.5 mm) 2 = With Heatsink (Height = 6.5 mm) 3 = With Heatsink (Height = 4.2 mm)	↑
Light Pipe: 0 = No Light Pipe 1 = Single Light Pipe (Cut-out \varnothing 2.11) 2 = Dual Light Pipe (Cut-out \varnothing 2.11) 3 = Single Light Pipe (Cut-out \varnothing 2.54) 4 = Dual Light Pipe (Cut-out \varnothing 2.54) 5 = Single Light Pipe (Cut-out \varnothing 2.67) 6 = Dual Light Pipe (Cut-out \varnothing 2.67)	↑



OUTLINE DIMENSIONS - CN120A-1102--MECHANICAL KIT**

