

NOTES:

1. MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94-V0, COLOR: BLACK
TERMINAL: COPPER ALLOY
SHELL: STAINLESS STEEL

2. FINISH

TERMINAL:

CONTACT AREA: GOLD PLATING
SOLDER AREA: GOLD FLASH
UNDER PLATING: NICKEL PLATED 50U" MIN. OVER ALL

SHELL:

NICKEL PLATED 50U" MIN. OVERALL

3. DATE CODE LOCATION SHOWN, DATE CODE FORMAT: YWWD

Y: LAST ONE DIGIT OF THE YEAR

WW: ONE CERTAIN WEEK OF THE YEAR

D: ONE DAY OF THE WEEK

DISTINGUISH BETWEEN THE CODES FOR HIGH SPEED AND THOSE WITH SIDE

BAND:XX-6

SB:WITH SIDE BAND

HS:FULL HIGH SPEED

6: GEN 6

4. INSERTION LOSS: -0.25dB@16GHz

5. TERMINAL DEFINED AS GND IN SFF-TA-1016 IS COMMON TOGETHER.

6. CONNECTOR IMPEDANCE REFERENCE: 85Ω

7. REFER TO SPECIFICATION SFF-TA-1016 FOR THE PINOUT OF THE CONNECTOR.

P948 X XXX X 6 X 2 - 0

MCIO SERIES

CONNECTOR PIN TYPE:

B: GEN6; FULL HS

C: GEN6; WITH SB

PIN COUNT:

074:74 PIN

124:124 PIN

CONNECTOR STYLE:

4:VERTICAL TYPE

5:RIGHT ANGLE TYPE

PACKAGE CODE:

2:TAPE & REEL

SHELL PIN LENGTH; POST PIN LENGTH

1:DIM.S=1.20mm; DIM.P=1.20mm

2:DIM.S=2.20mm; DIM.P=2.00mm

3:DIM.S=3.00mm; DIM.P=2.00mm

CONTACT FINISH:

6:Au 30μ"; SOLDER TAIL: GOLD PLATED

RoHS COMPLIANT	HALOGEN FREE	Unit:mm(inch)	PROJECTION		JPC connectivity		
		GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R.	08/07/2025	TITLE	PD./FILE NO.	
		0 =±1 (0.039)	Sam		MCIO Gen6 X16 124 Pin Vertical Connector	XXXXXXXXXX	
		0.0 =±.5 (0.020)	CH.K	08/07/2025		X-XXXX	
		0.00 =±.3 (0.012)	Jason_Liu		SCALE	SIZE	
		0.000=±.15 (0.006)	APV.D	08/07/2025	NA	A4	
		0° =± 2°	Ray		PART NO.	REV.	
		0.0° =± 1°			P948X12446X2-0	A2	
						SHEET 1 OF 3	

1			2		3		4		5		6		7		8		
			THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF JPC connectivity Inc.(JPC)				CUSTOMER DRAWING DRWC-011919				REV.	ECN NO.	DESCRIPTION		MDF'D	APP'D	DATE
											O1		INITIAL DESIGN		Sam	Ray	08/07/2025
											A1		APPROVED DESIGN		Sam	Ray	10/31/2025
											A2		APPROVED DESIGN: MODIFY PART NUMBER CODING RULE		Sam	Ray	11/17/2025

