

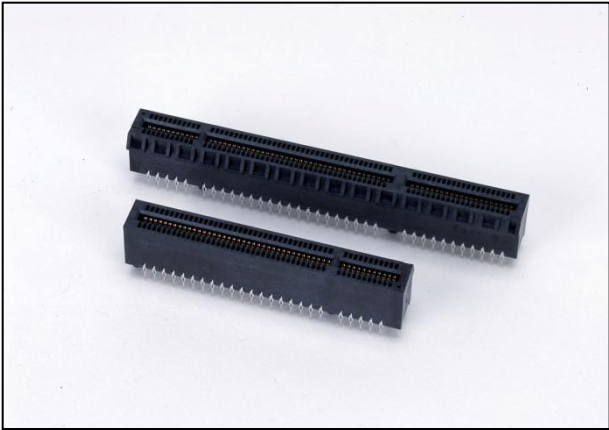
07J series (PCI Express Bus) connector

FCN-074J098-G/3P,FCN-074J140-G/3P

RoHS Compliant

■FEATURES

- PCI Express (Gen2) bus card edge connector (Press fit type)
- 8 lane-98 contacts, 12 lane-140 contacts
- Twin-point contact structure, which ensures a reliable connection
- Insulator is UL - approved (UL94V-0).



■ SPECIFICATIONS

Item	Specifications
Environmental range	-55 to + 85 degreeC
Current rating	1.1A
Voltage rating	50VAC
Contact resistance	30m ohm max. (10mA, 20mVDC)
Insulation resistance	1,000M ohm min. (500VDC)
Dielectric withstanding voltage	AC 500V for 1 minute
Insertion force	1.15N/2 contacts max. (56.35N (8 lane) max. 80.5N (12 lane) max.)
Press-fit pin insertion force	44.5N/pin max.

■ PART NUMBERS

Part number	Lane	Number of contacts	Package	Plastic Tray Qtys	Container Qtys
FCN-074J098-G/3P	8	98	Tray	40pcs	400pcs
FCN-074J140-G/3P	12	140	Tray	30pcs	300pcs

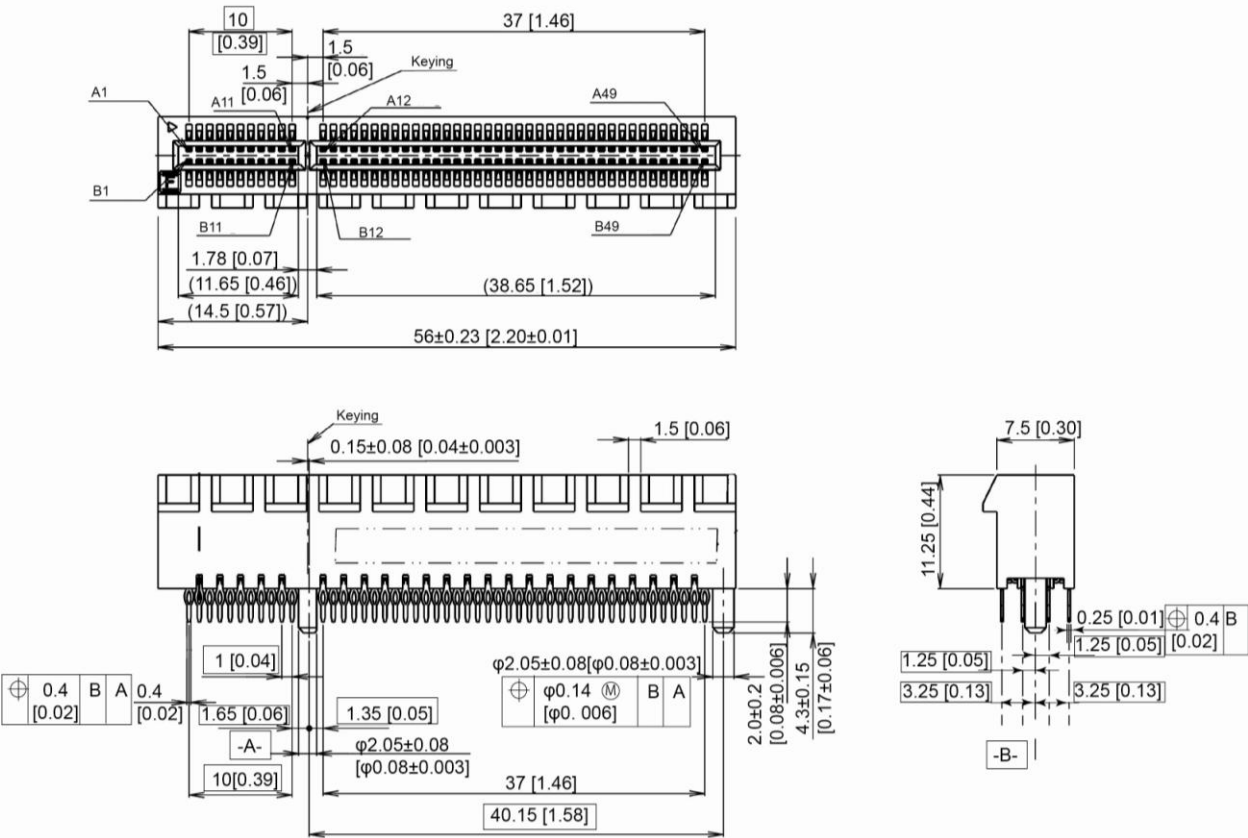
MATERIALS

Item		Materials
Insulating material		LCP (UL94V-0)
Conductor		Copper Alloy
Plating	Contact	Gold plating (PAGOS®)
	Compliant	Tin Plating

DIMENSIONS

8 lane - 98 contacts

[FCN-074J098-G/3P]

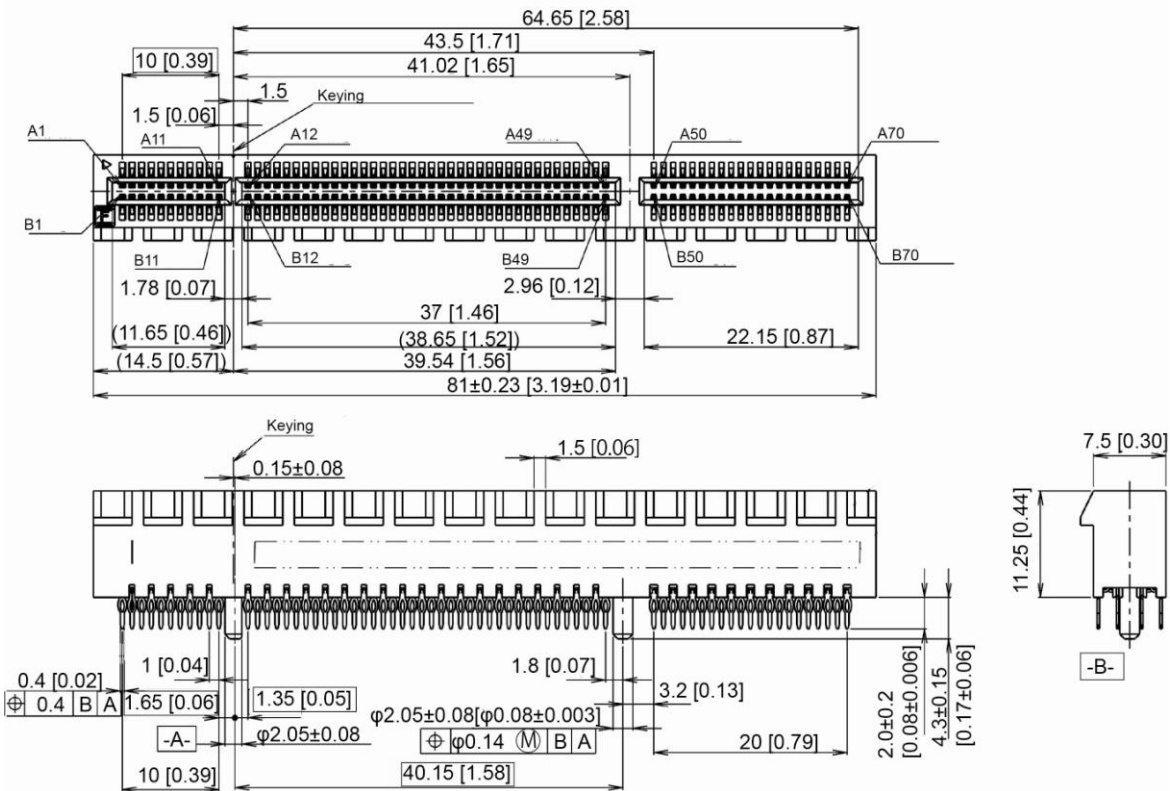


PRSNT Pin: A1, B17, B31, B48

Unit:mm
The dimension in () is reference dimension.

DIMENSIONS
12 lane - 140 contacts

[FCN-074J140-G/3P]

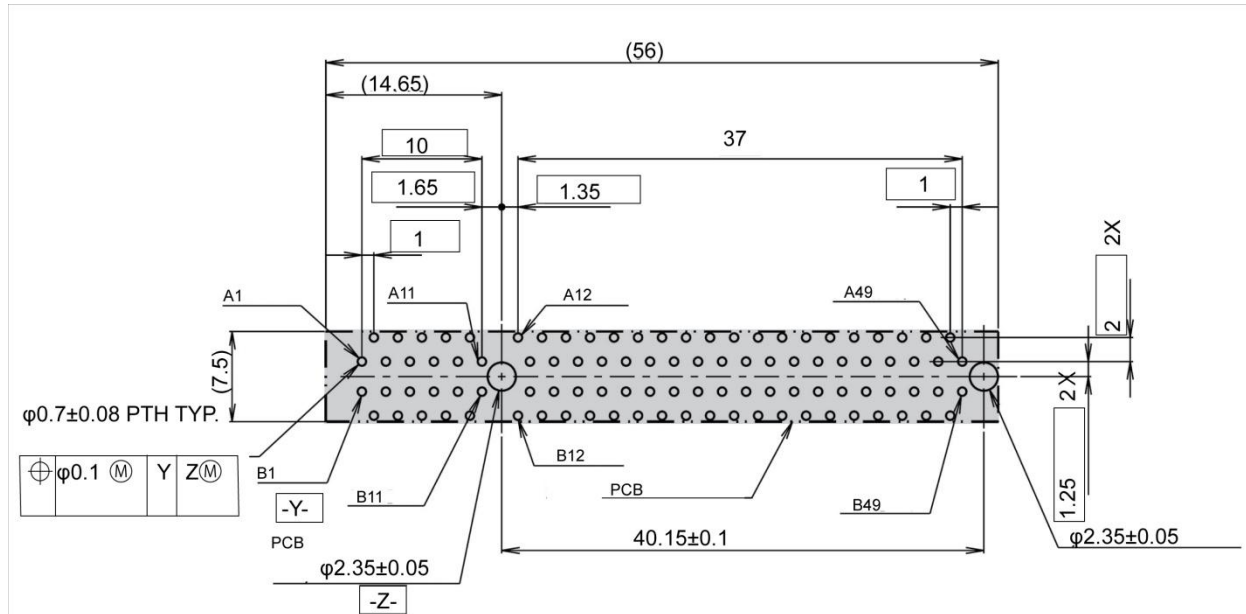


PRSNT Pin : A8, A9, A10, A11, B11, B12

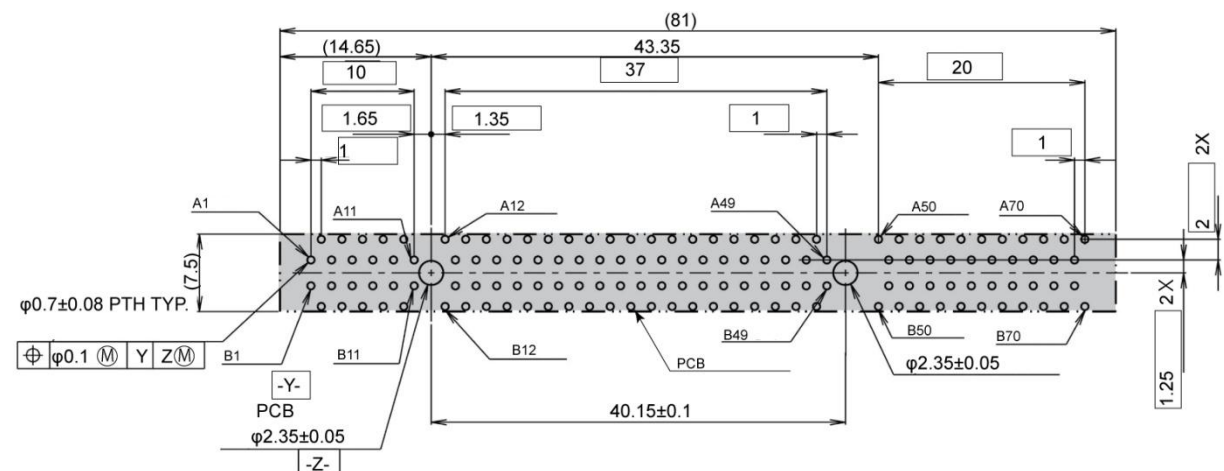
Unit:mm
The dimension in () is reference dimension.

■ RECOMMENDED P.W.B DIMENSION (TOP VIEW)

[FCN-074J098-G/3P]



[FCN-074J140-G/3P]



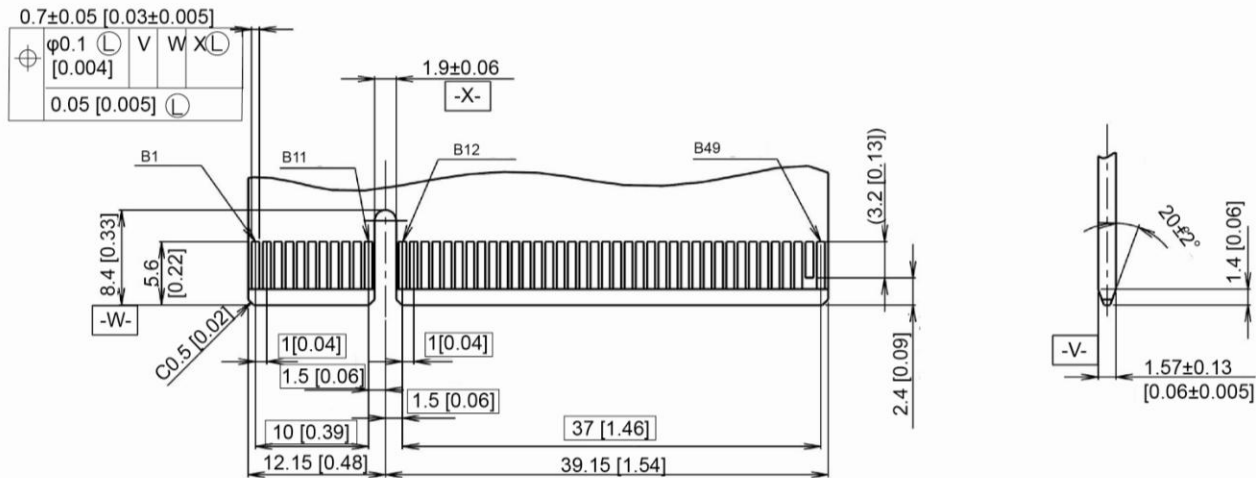
Recommended thickness of P.W.B.: 1.6-3.2mm
Shaded part shows the pattern inhibited area.

Unit:mm

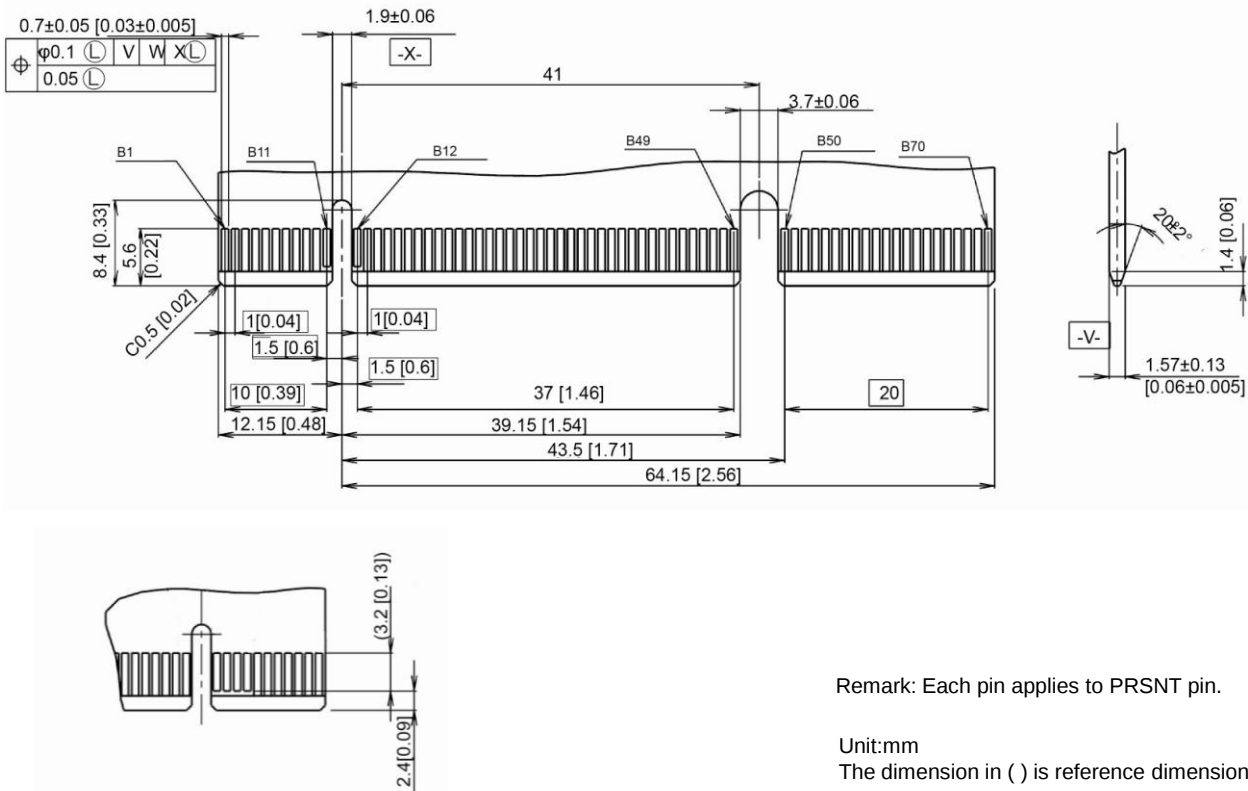
The dimension in () is reference dimension.

RECOMMENDED MODULE CONTACT DIMENSION

[8 lane 98contacts module]



[12 lane 140 contacts module]



■ SALES OFFICES

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