

PC/104 Connectors – 2.54mm PITCH (M20)

Materials

Mouldings:	Glass-filled PBT or PPS (High temp) UL94V-0
Contacts:	Phosphor Bronze
Finish:	Gold

Electrical

Current rating:	Solder Tail: 3A max Press-Fit Tail: 2A max
Voltage rating:	12V DC
Voltage proof:	1,000V AC
Contact resistance:	30 mΩ max
Insulation resistance:	1,000 MΩ min

Environmental

Temperature Range:	-55° to +105°C
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Mechanical

Durability:	Mating: 10 operations Press-fit: 3 operations
Insertion force (max):	1.5N per contact
Withdrawal force (min):	0.25N per contact
Insertion force to board (max):	Press-Fit: 60N per contact

All preferred sizes of this range are held in stock.
Check www.harwin.com for availability.

PC/104 Plus – 2.00mm PITCH (M22)

Materials:

Mouldings:	High Temperature Nylon or PPS, UL94V-0
Contacts:	M22-602: Brass Others: Phosphor Bronze
Finish:	See order code

Electrical

Current rating:	Solder Tail – 1A Press-Fit Tail – 2A max
Voltage rating:	12V DC
Voltage proof:	500V AC
Contact resistance:	30 mΩ max
Insulation resistance:	1,000 MΩ min

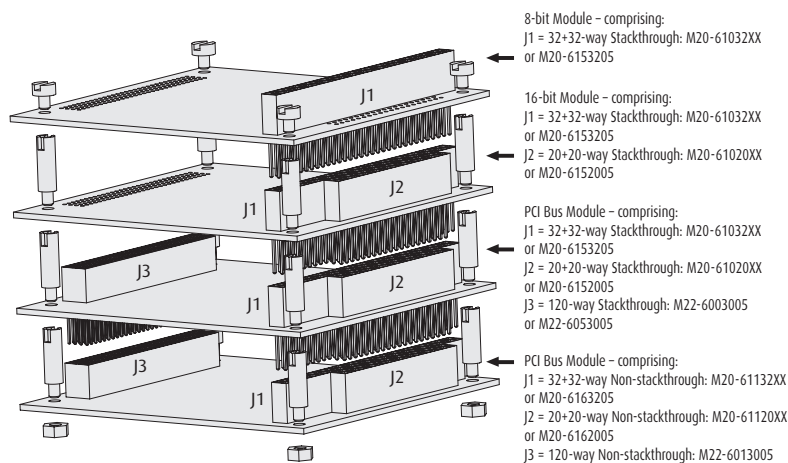
Environmental

Temperature Range:	-40° to +105°C
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Mechanical

Durability:	Mating – 10 operations Press-fit – 3 operations
Insertion force:	M22-603: 1.6N avg per contact Others: 1.2N max per contact
Withdrawal force:	M22-603: 1.4N avg per contact Others: 0.2N max per contact
Insertion force to board (max):	Press-Fit: 60N per contact

TYPICAL PC/104 & PC/104-PLUS MODULE STACK



Assembled PC/104 stack (4 Modules)

