

Two-piece Printed Circuit Connectors

INDIRECT CONNECTORS

It can eliminate the problems of board warpage, different board thickness.

HIGH DENSITY

120 contacts in 2.54mm grid are available in a compact body.

HIGH RELIABILITY

Dual beam metal-to-metal contact polarized connectors for all series to prevent mismatching.
This connectors are versatily used in telecommunications, instruments, computers, control system ect.

general specifications

Number of contacts: 3, 15, 16, 20, 24, 30, 32, 40, 48, 50, 60, 64, 80, 96, 120, 128, 150

Contacts spacing: 2.54mm, 5.08mm

Material

Insulator: Glass filled polyester (PBT, UL flammability 94V-0)

Contacts: Male brass, Female phosphor bronze

Contacts finish: Contact area: Gold over nickel (Per requirements of performance class 3, class 2)

Termination area: Tin-plated or gold-plated for long wrap post

Technical data

EURO DIN 41612	B,C,Q,R TYPE		F48 TYPE	H15 TYPE	G TYPE
Housing	PBT& 30% Glass Fiber(UL 94V-0)				
Contact	Male:Brass Female: Phosphor Bronze		Phosphor Bronze	Male:Brass Female: Phosphor Bronze	
Operating Temperature	-55 ℃ ~+105 ℃				
Contact Resistance	20m(ohm)Max			8m(ohm)Max	15m(ohm) Max
Insulator Resistance	10 ⁹ M(ohm)min.at DC 100V				
Current Rating	2 AMP		5.6 AMP	15 AMP	6 AMP
Withstanding Voltage	AC 1000V for 1 minute			AC 3100V for 1 minute	AC 1550V for 1 minute
Insertion Force	150pin max.140N 128pin max.120N 96 pin max.90N 64 pin max.60N	48pin max.45N 32pin max.30N 30pin max.28N 20pin max.18N	75 N max	90N max	90N max
Withdrawal Force	0.15 N min.per individual contact			0.2N/pin min	0.15N/pin min
Contact Rating	Class 2			Au/Ni, TiN/Ni, Plating	Class 2
Selective gold plated	Class 3				Class 3