TX14/TX15 SERIES CONNECTORS 1.27mm (.050") Contact Spacing, PCB-to-PCB Connectors



FEATURES

- Greater stability and reliability due to extra long contact wipe
- Leaf-type contact design resists damage from twisting
- First-to-make-last-to-break contact action
- Nine optional stacking heights: 12 to 20mm (.472 to .787"), 1mm (.039") intervals
- 16 optional polarization keying positions
- With/without hook pin

Connector Profile (Ref.)



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The leaf-type design (non-pin) contact of this board-to-board connector is superior in reliability and stability due to its resistance to twisting. The receptacle (TX14) and plug (TX15) combination can be arranged in horizontal, vertical or parallel connections. Straight through hole and right angle through hole types are available. With 5 variable heights of the straight through hole type, this series is particularly adaptable to parallel board assemblies spaced within a range of 12 to 20mm (.472-.787"). These connectors are ideal for all types of office/factory automation equipment, computers, and other electronic equipment.

GENERAL SPECIFICATIONS

Number of Contacts		30, 40 ,50, 60, 70, 80
Contact Spacing		1.27mm (.050"), Double row
Current Rating		0.5 Amp per contact
Dielectric Withstanding Voltage		500 VAC r.m.s. (for one minute)
Insulation Resistance		100 megohms min.
Contact Resistance		40 milliohms max.
Operating Temperature		-40°C to +80°C
PCB Thickness		1.6mm
MATERIALS AND FINISHES*		
Description	Materials/Finishes	
Contact	Copper Alloy Connecting area: 0.1µm (.000004") min. Gold plating over Nickel Terminal area: Tin-Lead plating over Nickel	
Insulator	Glass-filled Nylon (UL94V-0, Black)	
Spacer	Glass-filled Nylon (UL94V-0, Black)	
Hook Pin	Phosphor Bronze/Tin plating	

ORDERING INFORMATION



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