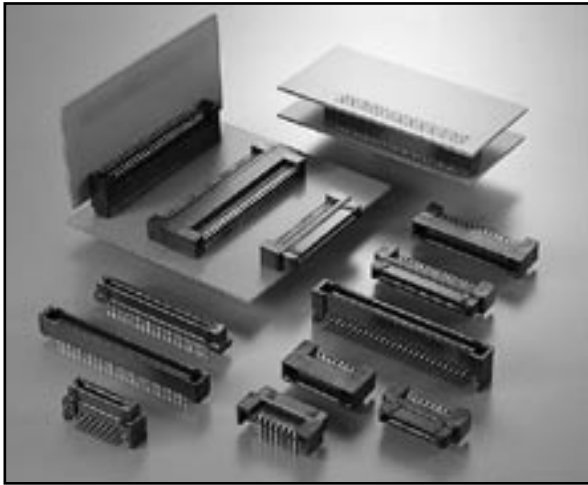


TX24/25 SERIES CONNECTORS

1.27mm (.050") Contact Spacing, PCB-to-PCB Connectors



FEATURES

- Non-pin type contacts withstanding mating/unmating twisting forces
- Available for seven parallel board-to-board distances
- Polarizing key for easy insertion
- "Click action" connection
- Prevents solder flux contamination
- Easy PCB pattern

(Note: 1) Stacking Heights

Straight types are available with three insulator heights can be selected within the range of 12 to 24mm (0.472 to 0.945") in 2mm (0.79") intervals, depending on the socket and pin combinations.



The TX24/25 Series of connectors are designed for PCB-to-PCB applications. Combinations of straight and right angle through hole pin and socket connectors permit horizontal, parallel and vertical interconnection of boards. For straight through hole connectors, the distance for parallel board-to-board connections ranges from 12 to 24mm (0.472 to 0.945") in 2mm (0.079") intervals. A long electrical engagement length results in a highly reliable and stable connection. Non-pin type contacts withstand mating and unmating twisting forces and an excellent "click action" design assures a true connection. The stable housing with polarizing keys is suitable for rack and panel applications.

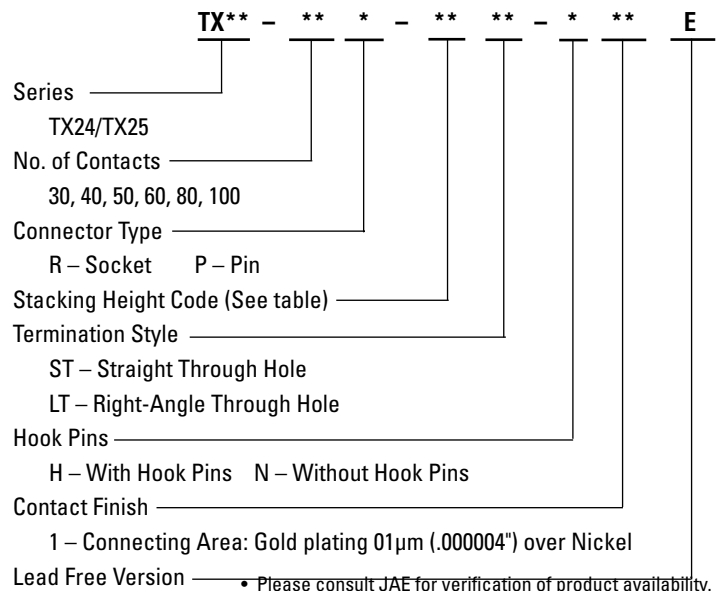
GENERAL SPECIFICATIONS

Number of Contacts	30, 40, 50, 60, 80, 100
Contact Spacing	1.27mm (.050") pitch. 2 rows
PCB Mounting Side Pattern	1.27 x 1.905mm (.50 x .075"), staggered 4 rows
Current Rating	1 Amp
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 (0.063")

MATERIALS AND FINISHES*

Description	Materials/Finishes
Insulator	Glass-filled PBT (UL94V-0, Black)
Hook Pin	Copper Alloy/Tin Plating
Contact	Copper Alloy Connection area: Gold plating, 01µm (.000004") min over Nickel Terminal area: Tin plating

ORDERING INFORMATION



Dimensions and specifications subject to change without notice.