

1.27mm Contact Spacing • Through-hole Type
P.C.Board to P.C.Board Application (Parallel/Vertical/horizontal)

TX24/TX25 Series Connectors

JAE

FEATURES

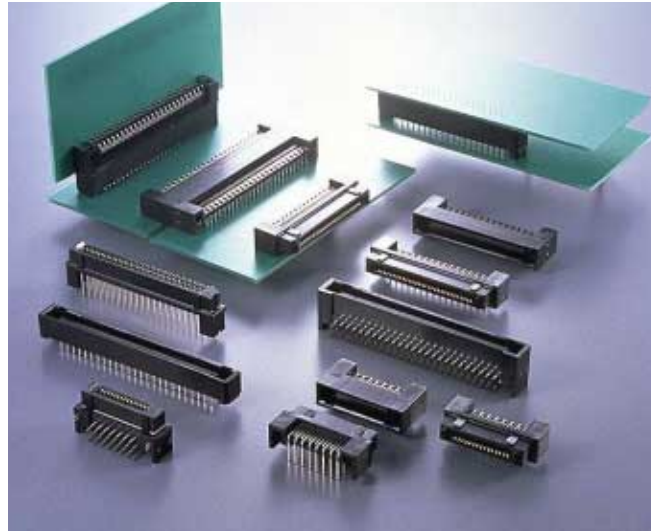
- Connection between parallel boards spaced 12 to 24mm (2mm increment).
- Rugged with mating guide suitable for mounting on rack or panel.
- Ribbon type contacts ensures reliable electrical continuity, resisting twisting force of coupling.
- Sure "click" feeling when coupling.

APPLICATIONS

Computers, OA equipment, communications equipment, measuring instruments, factory automation equipment, audio visual equipment, broadcasting equipment, etc.

GENERAL SPECIFICATIONS

No. of Contacts	30,40,50,60,80,100
Current Rating	1 Amps
D.W.Voltage	500 VACr.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	40 milliohms max.
Operating Temperature	-40°C to +80°C



TYPES & COMBINATIONS

- Click the button.

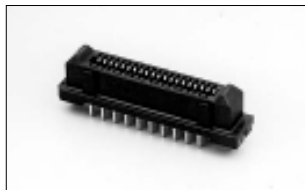


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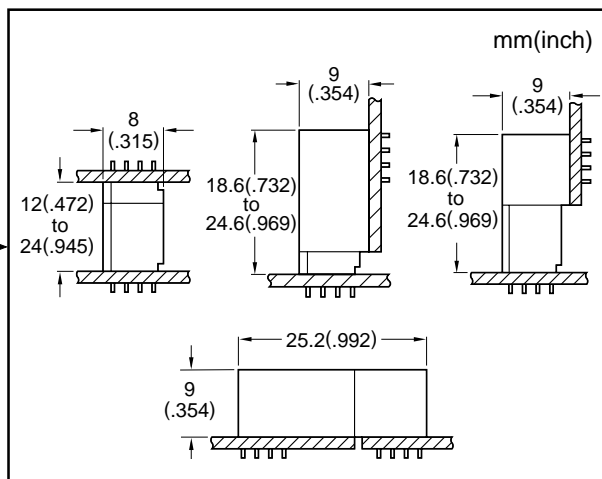
■ TYPES & COMBINATIONS

Receptacle • TX24

●Straight through-hole
P/N : TX24-※R-□ST-※1

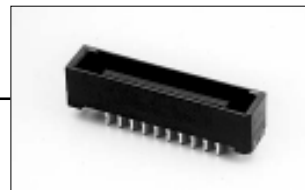


●Right-angle through-hole
P/N : TX24-※R-LT-※1



Plug • TX25

●Straight through-hole
P/N : TX25-※P-□ST-※1



●Right-angle through-hole
P/N : TX25-※P-LT-※1



■ Applicable parallel board-to-board distance ranging from 12mm to 24mm (at 2mm intervals)

Three insulator heights of the straight type are available. In the case of parallel board application, you can select a board-to-board distance in the range from 12mm to 24mm (at 2mm intervals) by combining suitable plug and receptacle.

Connector types and dimensions

Mated-height No.		6	8	10	12
Receptacle	a	2.8mm	—	6.8mm	8.8mm
Plug	b	9.2mm	11.2mm	—	15.2mm

Parallel board-to-board distance

		Receptacle		
Plug	Mated-height No.	6	10	12
	6	12mm	16mm	18mm
	8	14mm	18mm	20mm
	12	18mm	22mm	24mm

Examples of part name

1) 18mm parallel board-to-board distance (30 contacts, with hook)

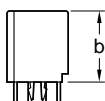
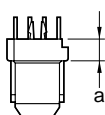
- a { Receptacle ... TX24-30R-12ST-H1
Plug ... TX25-30P-6ST-H1
- b { Receptacle ... TX24-30R-10ST-H1
Plug ... TX25-30P-8ST-H1
- c { Receptacle ... TX24-30R-6ST-H1
Plug ... TX25-30P-12ST-H1

Mated-height No. ↑

2) 12mm parallel board-to-board distance (50 contacts, without hook)

- a { Receptacle ... TX24-50R-6ST-N1
Plug ... TX25-50P-6ST-N1

Receptacle



Plug