

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

TX14/TX15 Series Connectors

JAE

FEATURES

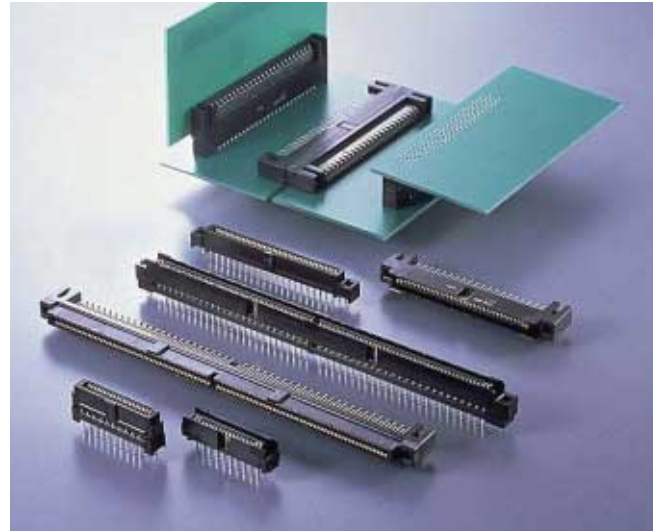
- Connection between parallel boards spaced 12 to 20mm (increment of 1mm).
- High density compact configuration for space saving.
- Ribbon type contacts ensure reliable electrical continuity, resisting twisting force of coupling.
- First-to-mate/last-to-break contacts as standard feature.
- Anti-mating keys allow 16 different polarization positions.

APPLICATIONS

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

GENERAL SPECIFICATIONS

No. of Contacts	30,40,50,60,70,80,100,120, 140,160,180,200
Current Rating	0.5 Amps
D.W.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



TYPES & COMBINATIONS

- Click the button.

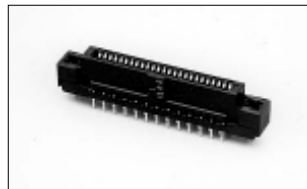


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■ TYPES & COMBINATIONS

Receptacle • TX14

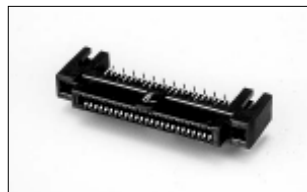
●Straight (with mount)
P/N : TX14-☼R-□ST-M*1



●Straight (without mount)
P/N : TX14-☼R-□ST-N1

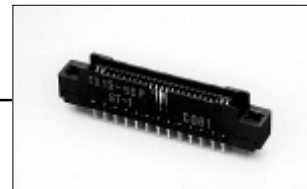


●Right-angle (with mount)
P/N : TX14-☼R-LT-M*1

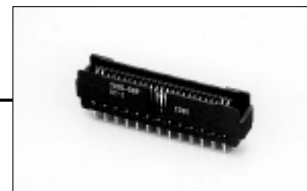


Plug • TX15

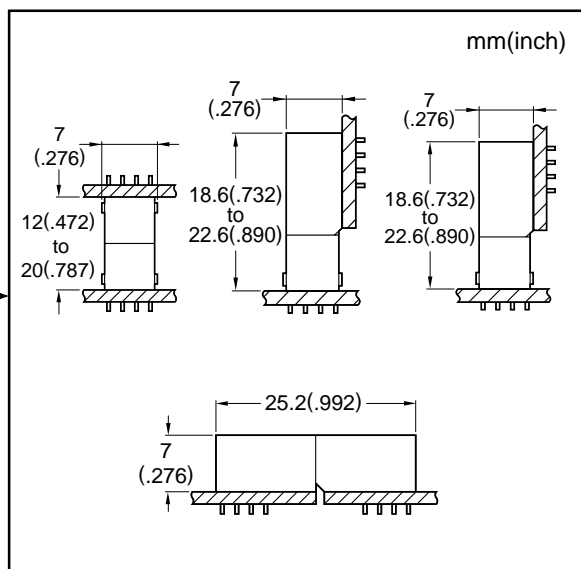
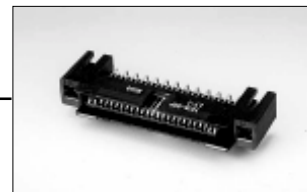
●Straight (with mount)
P/N : TX15-☼P-□ST-M*1



●Straight (without mount)
P/N : TX15-☼P-□ST-N1



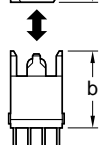
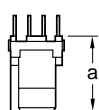
●Right-angle (with mount)
P/N : TX15-☼P-LT-M*1



■ Applicable parallel board-to-board distance ranging from 12mm to 20mm (at 1mm intervals)

Five 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 20mm (at 1mm intervals) by combining suitable plug and receptacle.

Receptacle



Plug

Insulator height

Mated-height No.		6	7	8	9	10
Receptacle	a	8.9mm	9.9mm	10.9mm	11.9mm	12.9mm
	b	9.2mm	10.2mm	11.2mm	12.2mm	13.2mm

Parallel board-to-board distance

		Receptacle				
Plug	Mated-height No.	6	7	8	9	10
	6	12mm	13mm	14mm	15mm	16mm
	7	13mm	14mm	15mm	16mm	17mm
	8	14mm	15mm	16mm	17mm	18mm
	9	15mm	16mm	17mm	18mm	19mm
	10	16mm	17mm	18mm	19mm	20mm

Examples of part name

1) 15mm parallel board-to-board distance (30 contacts, with hook)

- a { Receptacle... TX14-30R-9ST-MH1
Plug..... TX15-30P-6ST-MH1
- b { Receptacle... TX14-30R-8ST-MH1
Plug..... TX15-30P-7ST-MH1
- c { Receptacle... TX14-30R-7ST-MH1
Plug..... TX15-30P-8ST-MH1
- d { Receptacle... TX14-30R-6ST-MH1
Plug..... TX15-30P-9ST-MH1
- Mated-height No. ↑

2) 12mm parallel board-to-board distance (50 contacts, with hook)

- { Receptacle... TX14-50R-6ST-MH1
Plug..... TX15-50P-6ST-MH1