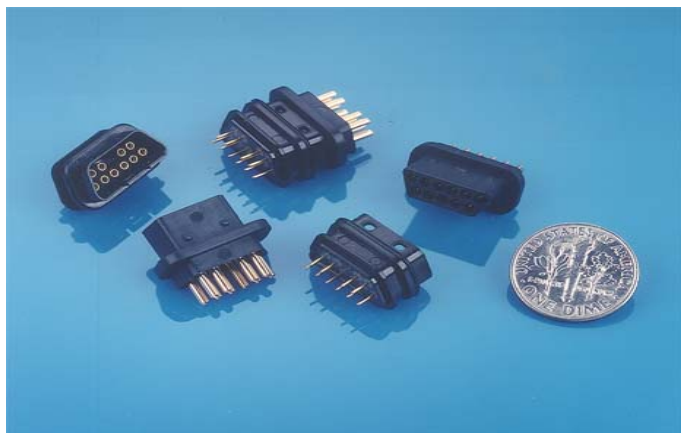


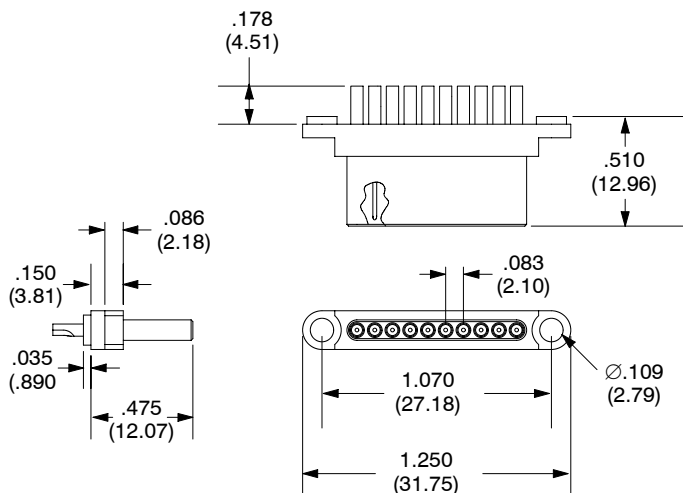


Single and Dual Row Pin and Socket Cable to Board Connectors

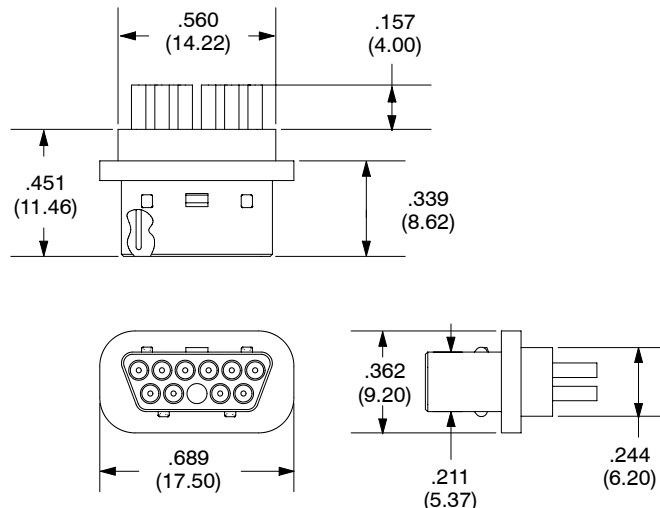
- 10 Contact Models
- 2.5 Amps per Contact
- Single Row on .083" (2.1mm) spacing.
- Dual Row on .083" (2.1mm) staggered spacing.
- Positive lock on dual row model
- Ø0.018" (0.45mm) dia. pins.
- Pins recessed for protection.
- Mechanical Life
 - Single Row 100,000 cycles
 - Dual Row 15,000 cycles.

CONNECTOR DIMENSIONS¹

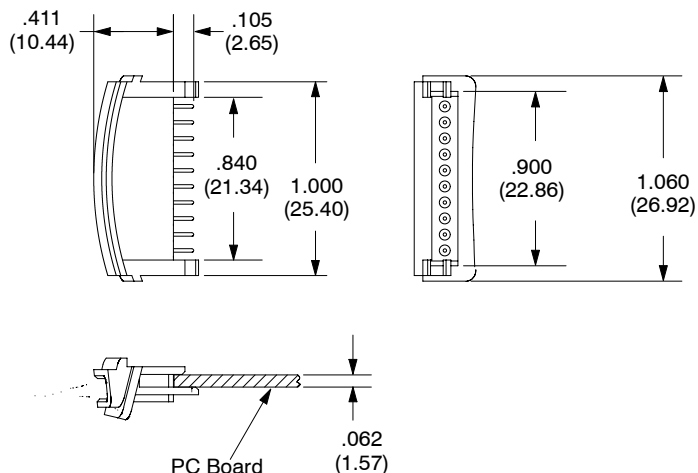
Single Row Solder Cup Male Plug



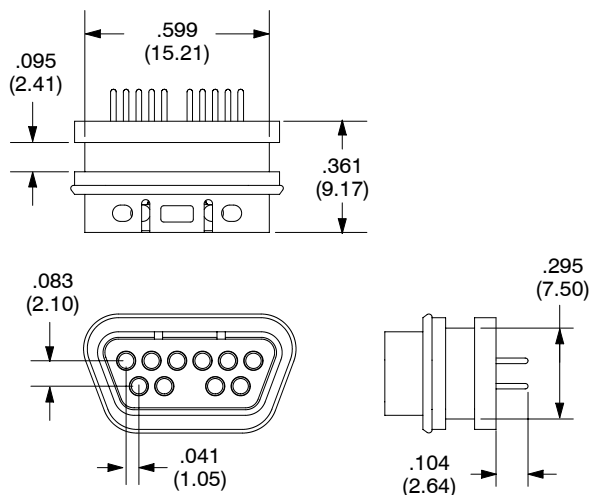
Dual Row Crimp Male Plug for Back Molding



Single Row Surface Mount Female Receptacle



Dual Row Straight Dip Female Receptacle



Notes

1) Dimensions in inches (mm)

GENERAL SPECIFICATIONS

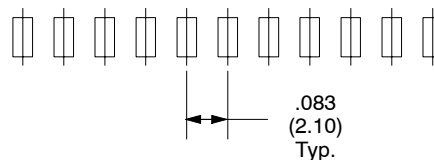
Number Contacts	10
Contact Diameter	.018 (0.45)
Current Rating	2.5 amps per contact
Contact Resistance	< 8 milliohms per contact
Extraction Force	.3 – 2 oz. oz. per contact
Contact Life Cycles	>100,000
Breakdown voltage between contacts	>1200V RMS
Dielectric Withstanding Voltage	1000V RMS
Temperature Rating	-55°C to + 85°C
Insulation Resistance	>10 ³ Megohms @ 500 VDC
Temperature Rating	-55°C to + 85°C
Insulator Material	Nylon/Polycarbonate
Pin Contacts Material: Plating:	Phosphor Bronze Gold over nickel
Socket Contacts Material: Plating:	Brass bodies/BeCu contact wires Gold over nickel

Plating Reference

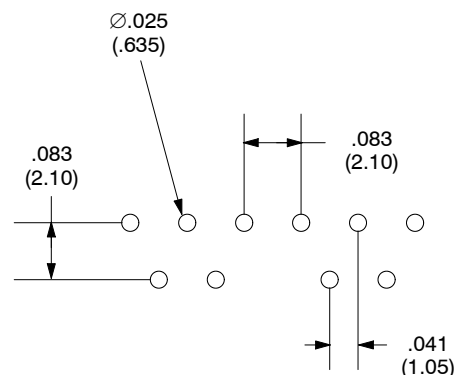
Male Pins: T = 10 µin gold (min) over Ni
 Female Sockets: TABH = 50 µin gold (min) over Ni on mating surface, tin lead over Ni on termination (D style only)

Mounting Dimensions

Single Row Receptacle

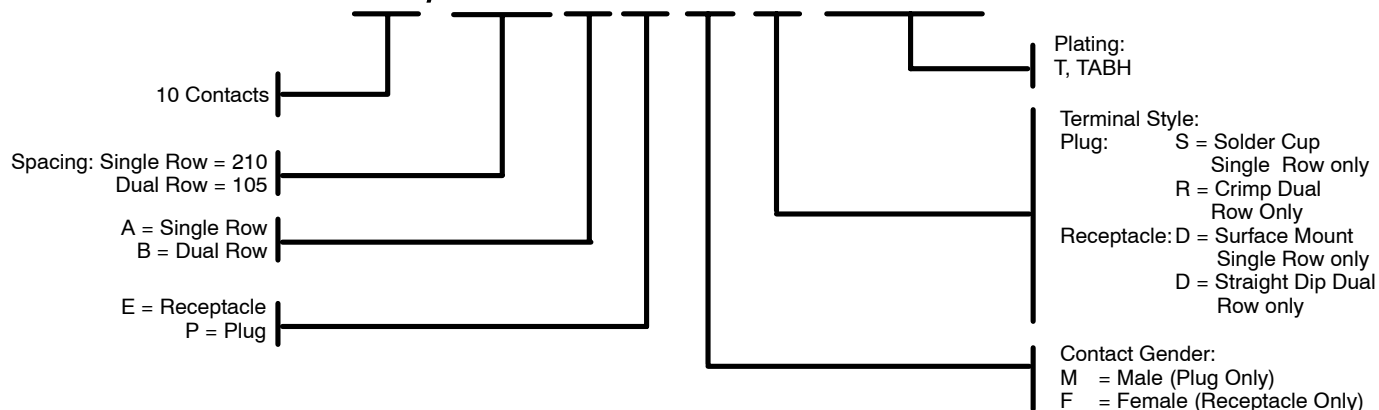


Dual Row Receptacles



ORDERING INFORMATION

KS 10/105 B E F D TABH



Note:

Dimensions in inches (mm)