



Single and Dual Row Pin 2 Socket Cable to Board Connectors

- 10 contact models
- 2.5 Amps per contact
- Single row on 0.083" (2.1mm) spacing
- Dual row on 0.083" (2.1mm) staggered spacing
- Positive lock on dual row model
- Ø 0.018" (0.45mm) dia pins
- · Pins recessed for protection

Dual Row Single Row **Crimp Male Plug for Back Molding** Solder Cup Male Plug .560 .157 .178 (4.51) (14.22)(4.00)+ ۸ 4 .510 .451 .339 (12.96)(11.46) (8.62) .086 ŧ (2.18).083 .150 (2.10)(3.81)÷ .035 .362 Ø.109 1.070 õ (.890 (9.20)(2.79)(27.18) .475 (12.07) .244 .689 1.250 (6.20) .211 (17.50)(31.75) (5.37)Single Row **Dual Row** Surface Mount Female Receptacle Straight Dip Female Receptacle .411 (10.44) .105 (2.65) .599 (15.21) .095 (2.41) ١ 4 00000000 .840 .900 .361 1 060 (21.34) 1.000 (22.86)(9.17)(26.92)(25.40) ОĴС пĝО Ť .295 .083 (7.50) (2.10) ١ 000000 ۸ O C 1 .062 (1.57)PC Board .041 .104 (1.05)(2.64)

Dimensions in inches (mm)

Connector dimensions

Plating Reference

Male Pins:



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	>103 Megohms @ 500 VDC
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

T = 10 µin gold (min) over Ni

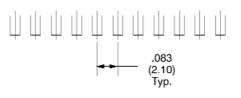
surface, tin lead over Ni on termination

Female Sockets: TABH = 50 µin gold (min) over Ni on mating

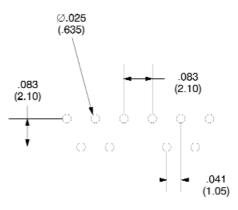
(D style only)

Mounting Dimensions

Single Row Receptacle



Dual Row Receptacles



Ordering Information

