

**Two-Piece
Commercial
DIN**

.100" (2.54mm) Density
Style R
Dip Solder/Compliant
Wire Wrap

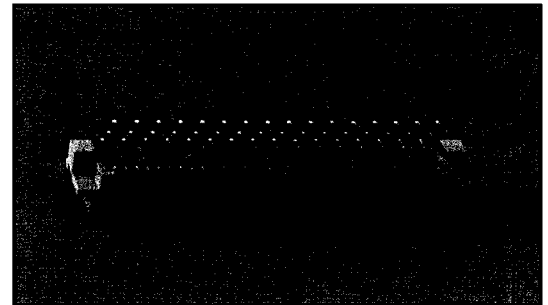
Cinch

FEATURES

- *Inverse configuration of Style C Connector.*
- *Available in standard contact configuration of 96 contacts (3 x 32) on .100" x .100" x .100" (2.54mm x 2.54mm x 2.54mm) centers or 64 contacts on .100" x .200" (2.54mm x 5.08mm) centers.*
- *Plug available with straight dip solder, wire wrap, or compliant press fit pins (wire wrap or PC mount).*
- *Socket has right-angle dip solder tails.*
- *Compliant style is also available with transfer zone.*
- *Ideal for mother/daughter PC board interconnections.*
- *DIN 41612 and VG 95324 approved.*
- *Meets applicable requirements of MIL-C-55302.*

MATERIALS

Insulation Material: UL 94V-0 rated glass-filled polyester, gray
Contact Material:
Plug: Brass
Socket: Phosphor bronze
Contact Plating: Gold over nickel in contact areas, tin on tails,
DIN Class 3



ENVIRONMENTAL

Shock: Per MIL-STD-1344, Method 2004
Operating Temperature: -65°C to +125°C
Vibration: Per MIL-STD-1344, Method 2005
Humidity: Per MIL-STD-1344, Method 1002, Type 2

ELECTRICAL

Withstanding Voltage: 1000 VAC RMS (@ sea level)
Current Rating: 3 Amps
Contact Resistance: 20 Milliohms maximum
Insulation Resistance: 10,000 Megohms minimum

MECHANICAL

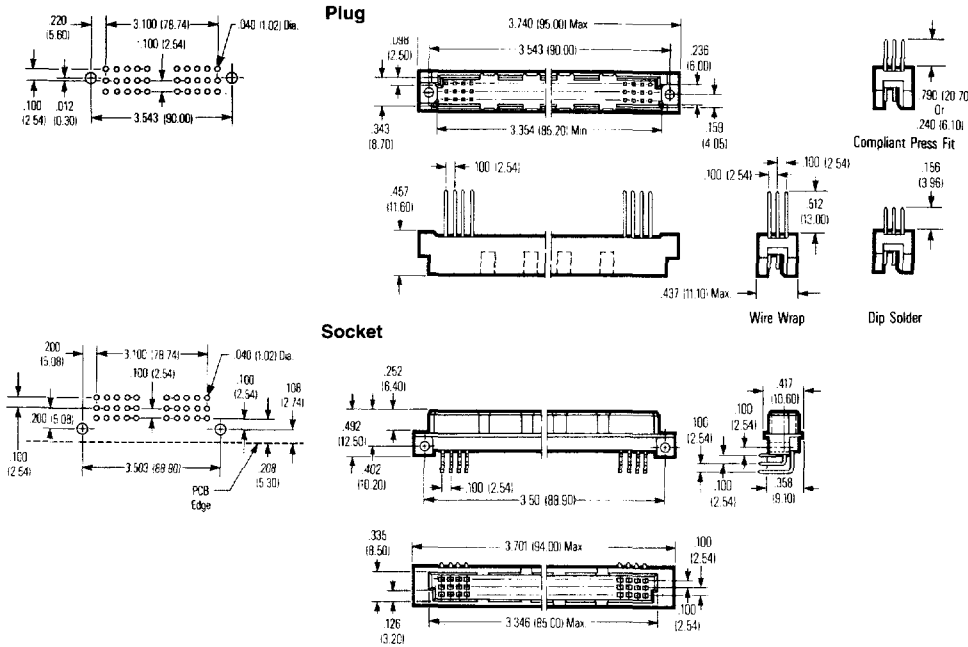
Individual Contact Insertion and Separation Force:
3.2 oz. (89.6 g) maximum; 0.5 oz. (14.0 g) minimum

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Dimensions



Ordering Information

No. of Contacts	Right-Angle Dip Solder .114" Long	Wire Wrap .512" Long	Straight Dip Solder .156" (3.96mm) Long
	Catalog No.	Catalog No.	Catalog No.
64 Plug	-	47-1643	47-1645
64 Socket	47-2642	-	-
96 Plug	-	47-1963	47-1965
96 Socket	47-2962	-	-

No. of Contacts	Compliant Press Fit .790" (20.07mm) Long	Compliant Press Fit .240" (6.10mm) Long	Compliant w/ Transfer Zone .790" (20.07mm) Long
	Catalog No.	Catalog No.	Catalog No.
64 Plug	-	47-1648	47-9649
64 Socket	-	-	-
96 Plug	47-1969	47-1968	47-9969
96 Socket	-	-	-

No. of Contacts	Transfer Zone Catalog No.
64 Plug	47-1009
64 Socket	-
96 Plug	47-1009
96 Socket	-

Transfer Zone

