Dura-Con
High Reliability
Metal Shell

.050" (1.27mm) Density
Solder Cup/Wire
D-Microminiature

Contact Arrangements
(Face view of pin insert)
(Use reverse order for socket side)

Ordering Information

Cinch Dura-Con D Connector

Insulator Type
C = Diallyl Phthalate
Glass-Reinforced
D = Thermoplastic
Glass-Reinforced

Mounting Type
M = Screw Mount Metal Shell

No. of Contacts
9, 15, 25, 31, 37, 51, 100

Contact Type
P = Pin (Plug)
S = Socket (Receptacle)

Wire Size in AWG
S = 25 AWG Solid Copper
6 = 26 AWG Stranded
S = Solder cup
(Skip to Mounting Hardware)

Wire Type
G = Solid Copper (Uninsulated)
E = MIL-W-16878/4, 7 Strand

Shell Plating
*No Letter = Yellow Chromate over Cadmium
N = Electroless Nickel

Mounting Hardware**
B = No Hardware
F = Float Mount
R = Reverse Float Mount
K = Jackscrew (Standard)
L = Jackscrew (Low Profile)
P = Jackpost, Size 9 through 51
MIL-C-83513/5-07
Size 100 MIL-C-83513/5-17

Lead Length in inches***
00.5 Solid copper wire only
01.0 Solid copper wire only
02.0 Solid copper wire only
18.0 Stranded wire only
24.0 Stranded wire only
36.0 Stranded wire only
48.0 Stranded wire only

Insulation
Color or Wire Finish
1 = White
*2 = Yellow (Stranded Wire)
3 = Tin-Plated
*4 = Gold-Plated (Solid Wire)
*5 = Color Coded Per Mil-Std. 881, System 1. (Stranded Wire Only)

* - Indicates Cinch std. option.
** - See p. 5-12 for std. hardware dims. See p. 5-13 for non-std. hardware & p. 5-31 for Mil spec. hardware both sold separately.
***- Length Tolerance: solid wire = ± 3/32", standard wire = ± 1/4".

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Connector Dimensions - Metal Shell

<table>
<thead>
<tr>
<th>No. of Contacts</th>
<th>A ±.010 (.254) in</th>
<th>B Max. mm</th>
<th>C +.010 -.018 (.254) mm</th>
<th>D ±.005 (.127) in</th>
<th>E ±.010 (.254) in</th>
<th>F Max. mm</th>
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**Panel Mounting Dimensions**

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<th>C (in)</th>
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**Panel Cutout Dimensions**

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Option “F”
Float Mounting

Option “R”
Reversed Float Mounting

Option “K”
Standard Jackscrew

Option “L”
Low Profile Jackscrew

Option “P”
Removable Jackpost