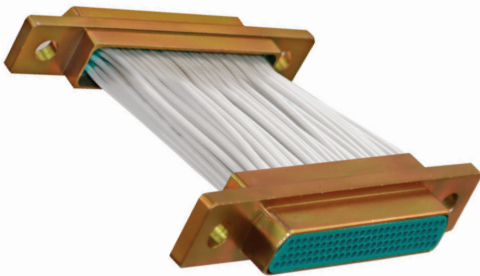


Micro-D Jumper Assemblies

Cinch Dura-Con™ D-shaped micro miniature rectangular connectors are designed for applications that require a rugged, high performance, densely compacted interconnect. Dura-Con is the ideal connector for applications where weight and space must be kept to a minimum while maintaining maximum reliability. Reliability is assured with the unique twist pin providing 7 points of contact when mated to machine socket contacts. Compliant to MIL-DTL-83513, Dura-Con are one of the most widely used 0.05 inches (1.27 mm) pitch connectors. Typical applications for these connectors are miniaturized military and aerospace electronics and data processing equipment, where shorter signal paths are needed.



The Jumper assemblies provide a catalog part number for all connector extension needs. These factory made jumpers include crimped contacts that are encapsulated, which is a more durable version than assembling jumpers from off the shelf components.

Features

- Twist pin contacts and machined sockets for durable, 7 points of contact
- MIL-STD-83513 compliant micro-d connectors
- Both ends of wire length pre-terminated eliminating need for additional processing
- Plug to plug, socket to socket and plug to socket options
- 18" and 36" wire lengths are standard, but additional lengths are available

Applications

- System to system communication
- Internal system communication
- Extension for existing cables
- Patch and test cables

Micro-D Jumper Assemblies

Dura-Con™

DC C M 15 PS 6 E 1 - 18.0 B N

Dura-Con

Insulator Material

C = Thermoset
D = Thermosplastic

Shell Type

M = Metal shell

Number of Contacts

9, 15, 21, 25, 31, 37, 51, 100

Jumper Genders

GP = Plug to plug
GS = Socket to socket
PS = Plug to socket

Wire Size

6 = #26 AWG stranded wire
*Consult factory for additional sizes

Shell Plating

No letter = Yellow chromate
over cadmium
N = Electroless Nickel

Mounting Hardware

B = Hardware sold separately

Wire Length (in)*

18.0, 36.0

*Consult factory for additional sizes

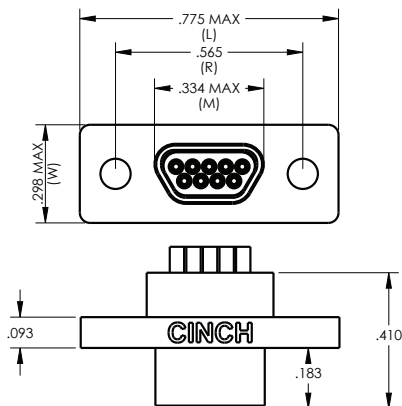
Wire Insulator Color

1 = White
5 = Repeating 1-10 colors of
MIL-STD-681

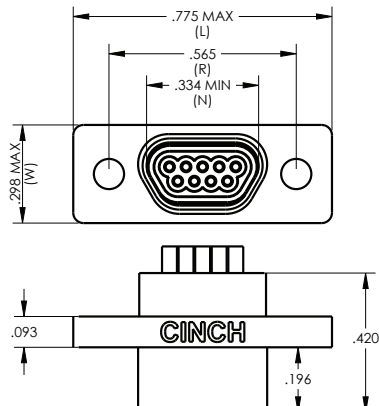
Wire Type

E = MIL-W-16878/4
J = SAE A22759/33 (ETFE)
K = SAE A22759/11 (PTFE)

Plug Connector



Socket Connector



Connector Size	L	M	N	R	W
9P	0.775	0.334		0.565	0.298
15P	0.925	0.484		0.715	0.298
21P	1.075	0.634		0.865	0.298
25P	1.175	0.734		0.965	0.298
31P	1.325	0.884		1.115	0.298
37P	1.475	1.034		1.265	0.298
51P	1.425	0.984		1.215	0.341
100P	2.160	1.384		1.800	0.384

Connector Size	L	M	N	R	W
9S	0.775		0.334	0.565	0.298
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