

FEATURES AND SPECIFICATIONS

Micro D Connector Savers are a "back-to-back" pin and socket configuration. Great for protecting test equipment or expensive electronic boxes from high mating cycles and excessive wear.

Electrical

Current: 3.0A
Contact Resistance: 8mΩ max.

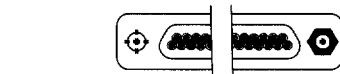
Mechanical

Contact Insertion Force: 3 oz avg.
Unmating Force: .5 oz min.
Durability: 500 to 5000 cycles based on application

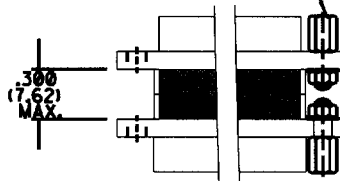
Physical

Housing Material: 6061 T6 aluminum or Ryton*
Contact Material: Pin—Gold plated Beryllium Copper
Socket—Gold plated Copper Alloy
Plating: Nickel
Temperature: -55 to +125°C

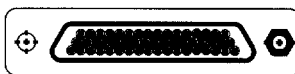
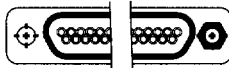
molex® 1.27mm (.050") Pitch Ulti-Mate™ Micro D Subminiature Connector Saver Series In-line



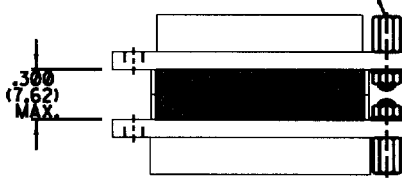
2-56 JACKPOST
4 PLACES
(OPTIONAL)



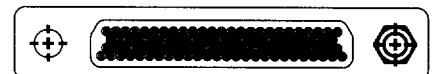
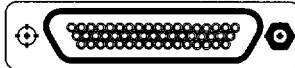
SIZE 9 THRU 37



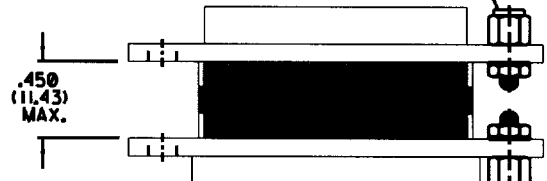
2-56 JACKPOST
4 PLACES
(OPTIONAL)



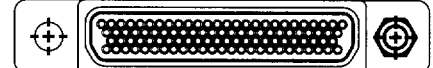
SIZE 51-3



4-40 JACKPOST
4 PLACES
(OPTIONAL)



SIZE 100



ORDERING INFORMATION

X	X	XX	XX	CS
A	B	C	D	E

A	
Interface Connector Series	
P, A, M, B	

B	
Insulator Material	
R	Ryton*, PPS, MIL-M-24519 GST 40F
L	LCP: Vectra [†] 130

C	
Size	
Number of Contacts: 9, 15, 21, 25, 31, 37, 51-3, 100	

D	
Mounting/Compline Hardware	
0	None
7	Jackpost
Note: See page U-8 for details	

E	
Connector Saver Series	
CS	

Modification Codes	
Modifications are available, contact factory	

Industrial Products



* Ryton is a registered trademark of Phillips Petroleum Company

† Vectra is a registered trademark of Hoechst Celonese Corporation

Note: Nano connector savers are available, contact Inside Sales for details

FEATURES AND SPECIFICATIONS

This commercial line of shielding Micro D products offers an economical solution for commercial applications that require the density of a microminiature connector. The right angle plugs are a rugged commercial design with a metal interface and grounding tabs for improved mechanical and electrical shield connection.

Electrical

Current: 3.0A
Contact Resistance: 8mΩ max.

Mechanical

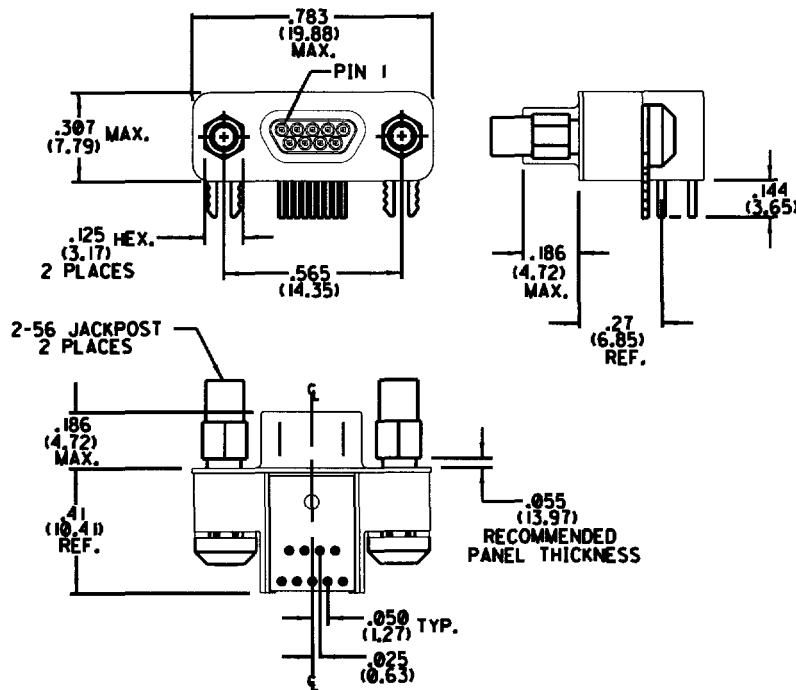
Contact Insertion Force: 3 oz avg.
Unmating Force: .5 oz min.
Durability: 5000 cycles

Physical

Housing Material: Housing Shell—1008LC Steel
Insulator—LCP
Contact Material: Pin—Gold plated Beryllium Copper
Socket—Gold plated Copper Alloy
Plating: Nickel
Temperature: -55 to +125°C

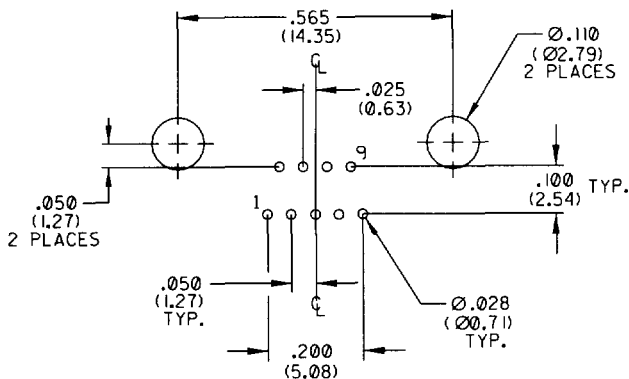
molex® 1.27mm (.050") Pitch Ultra-Mate™ Commercial Micro D

Board Mount 9 Pin Right Angle Plug with Pin Contacts

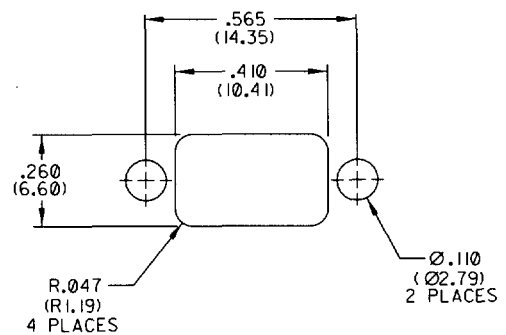


Note: Designed to meet the requirements of SSA applications

RECOMMENDED P.C.B. LAY-OUT



RECOMMENDED PANEL CUT-OUT



Note: Consult Inside Sales for alternate hardware configurations

FEATURES AND SPECIFICATIONS

This commercial line of shielding Micro D products offers an economical solution for commercial applications that require the density of a microminiature connector. The right angle plugs are a rugged commercial design with a metal interface and grounding tabs for improved mechanical and electrical shield connection.

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Current: 3.0A

Contact Resistance: $8m\Omega$ max.

Mechanical

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Unmating Force: .5 oz min.

Durability: 5000 cycles

Physical

Housing Material: Housing Shell—1008LC Steel

Insulator—LCP

Contact Material: Pin—Gold plated Beryllium Copper

Socket—Gold plated Copper Alloy

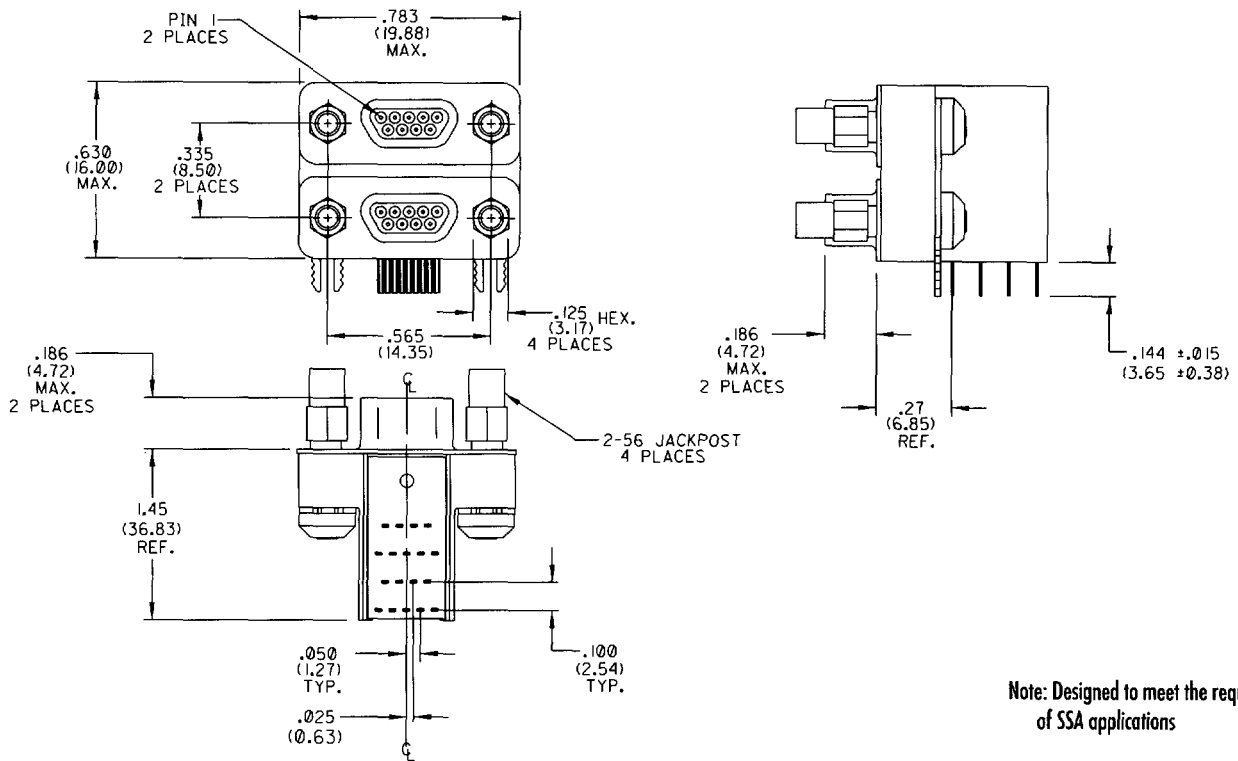
Plating: Nickel

Temperature: -55 to +125°C

molex® 1.27mm (.050") Pitch
Ulti-Mate™

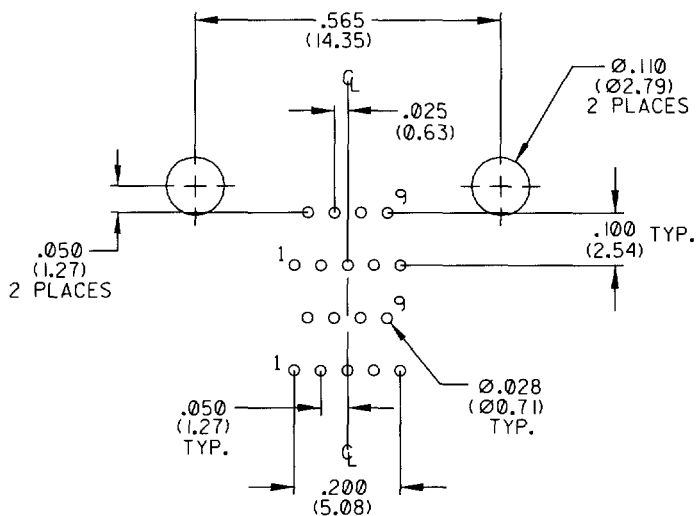
Commercial Micro D

Board Mount
18 Pin Right Angle Plug
Dual Stack with Pin Contacts

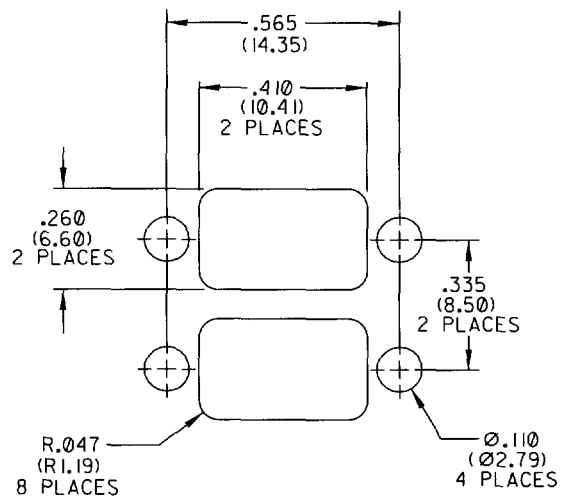


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