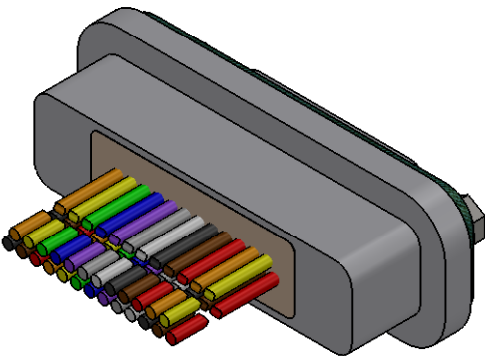
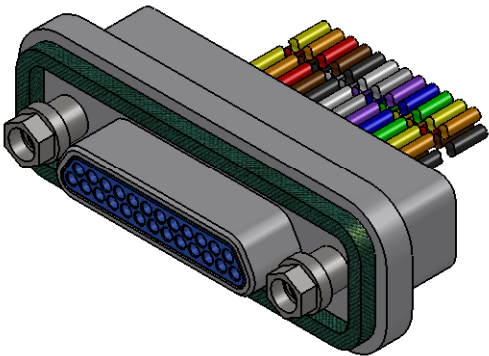


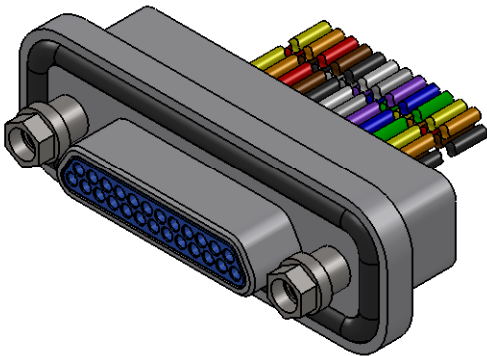
NO. OF CONTACTS	A ±.005	B BSC	C		D	E
			O-RING	SQUARE GASKET		
9	.957	.565	.480	.480	.773	.298
15	1.107	.715	.480	.480	.923	.298
21	1.257	.865	.480	.480	1.073	.298
25	1.357	.965	.480	.480	1.173	.298
31	1.507	1.115	.480	.480	1.323	.298
37	1.657	1.265	.480	.480	1.473	.298
51	1.657	1.215	.523	.561	1.477	.440
69	1.957	1.515	.523	.561	1.777	.440
100	2.383	1.800	.600	.638	2.219	.515



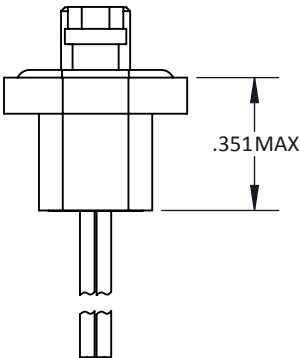
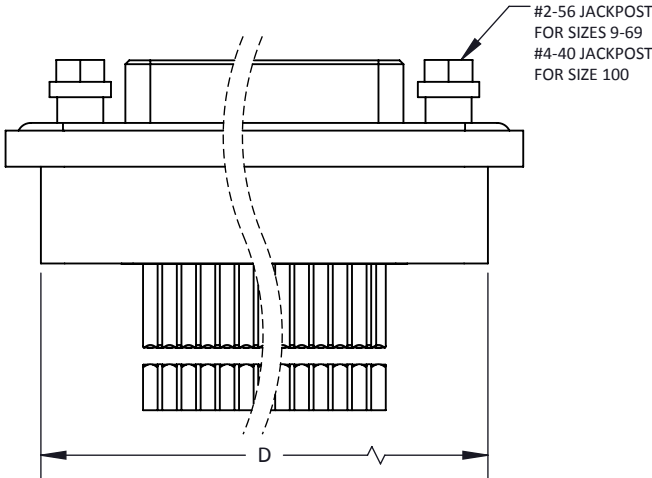
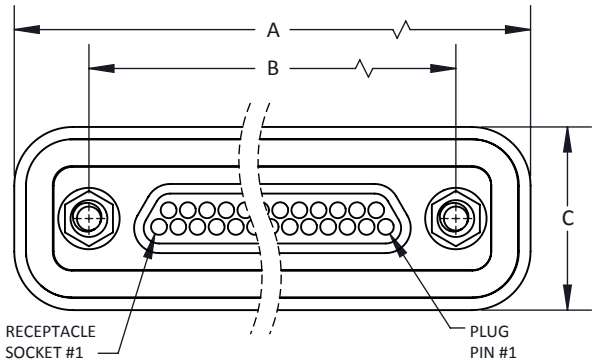
REAR VIEW



WITH GASKET



WITH O-RING



TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
MICRO-D METAL SHELL
STRAIGHT W/ O-RING/GASKET

SHT 1 OF 2

DWG. NO.
MDW

REV
B



MICRO-D METAL SHELL STRAIGHT W/ O-RING/GASKET

MDW-X XXX-X X X X X X X-X

METAL MICRO-D STRAIGHT
BOARD MOUNT CONDENSED
W/ O-RING/GASKET

GENDER
1 = RECEPTACLE, SOCKET CONTACTS
2 = PLUG, PIN CONTACTS

NUMBER OF CONTACTS
009 025 051
015 031 069
021 037 100

SHELL HARDWARE
0 = NO HARDWARE
3 = JACKPOST (.040 PANEL MOUNT)
4 = JACKPOST (.060 PANEL MOUNT)
5 = JACKPOST (.070 PANEL MOUNT)
6 = JACKPOST (.080 PANEL MOUNT)

SHELL FINISH
A = CADMIUM
B = ELECTROLESS NICKEL

TERMINATION
0000 = SOLDER CUP
WIRE TYPE
STRANDED
H = HARNESS (MIL-W-16878/4)
S = SPACE (MIL-W-22759/33)
M = MILITARY (MIL-W-22759/11)*
SOLID
G = GOLD PLATED COPPER
T = TIN/LEAD PLATED COPPER

O-RING
C = O-RING CONDUCTIVE
D = O-RING DIELECTRIC
S = SQ GASKET CONDUCTIVE

WIRE LENGTH
STRANDED (+1.00 / -0.00)
1 = 6 INCHES
2 = 12 INCHES
3 = 18 INCHES
4 = 24 INCHES
5 = 36 INCHES
6 = 72 INCHES
SOLID COPPER (+0.20 / -0.00)
1 = 0.5 INCH
2 = 1.0 INCH
3 = 0.25 INCH

WIRE SIZE
STRANDED WIRE
0 = 26 AWG
1 = 24 AWG
2 = 28 AWG
SOLID WIRE
0 = 25 AWG
1 = 24 AWG

WIRE COLOR/TYPE
0 = WHITE STRANDED*
1 = YELLOW STRANDED
2 = 10 SOLID COLORS REPEATED*
3 = FULL COLOR CODE STRANDED
9 = SOLID COPPER*

* = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:

 - SHELL - ALUMINUM ALLOY
 - INSULATOR/BACKSHELL - GLASS FILLED THERMOPLASTIC
 - PIN/SOCKET CONTACT - COPPER ALLOY
 - INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:

 - SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
 - PIN/SOCKET CONTACT - GOLD OVER NICKEL
3. SPECIFICATIONS:

 - CURRENT RATING ----- 3 AMPS MAX
 - TEMPERATURE RATING ----- -55° C TO +125° C
 - INSULATION RESISTANCE ----- 5000 MEGOHMS MIN
 - DWV AT SEA LEVEL ----- 600 VAC
 - DWV AT 70,000 FT ALTITUDE --- 150 VAC
 - CONTACT RESISTANCE ----- 24 AWG = 25 MILLIOHMS MAX
 - CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD
 - ENGAGEMENT FORCE ----- 6 oz MAX
 - SEPARATION FORCE ----- 0.5 oz MIN
4. ADDITIONAL INFORMATION:

 - DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513 WHERE APPLICABLE. CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL STRAIGHT W/ O-RING/GASKET	SHT 2 OF 2	DWG. NO. MDW	REV B
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