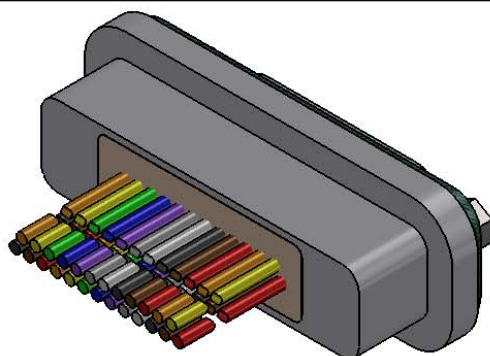
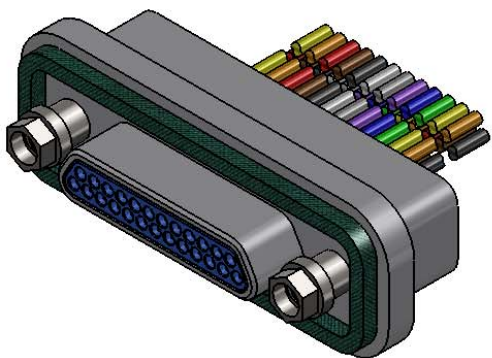


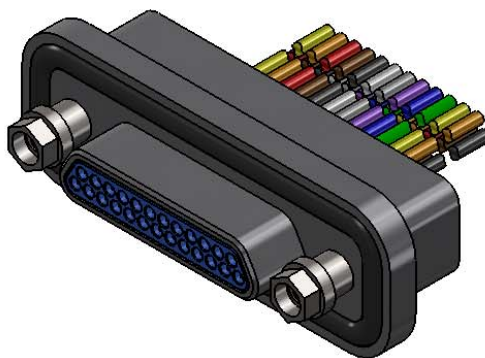
NO. OF CONTACTS	A ±.005	B BSC	C		D	E
			O-RING	SQUARE GASKET		
9	.957	.565	.480	.480	.773	.298
15	1.107	.715	.480	.480	.923	.298
21	1.257	.865	.480	.480	1.073	.298
25	1.357	.965	.480	.480	1.173	.298
31	1.507	1.115	.480	.480	1.323	.298
37	1.657	1.265	.480	.480	1.473	.298
51	1.657	1.215	.523	.561	1.477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



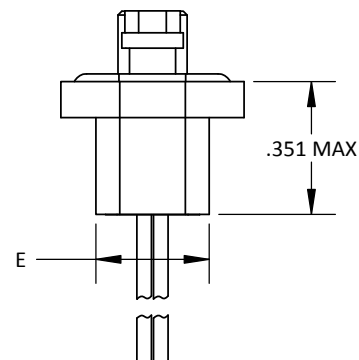
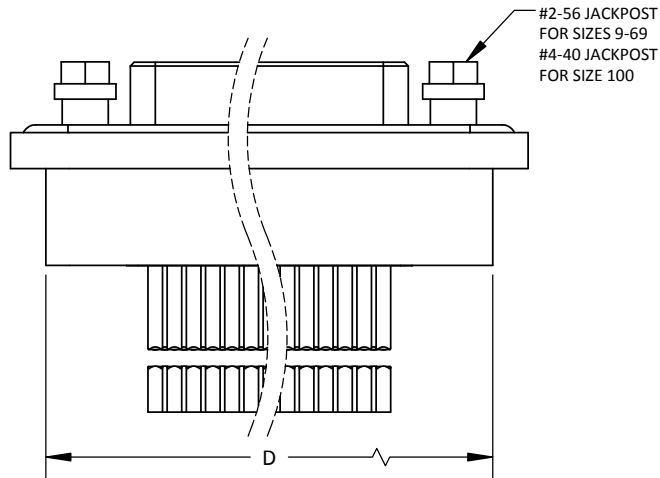
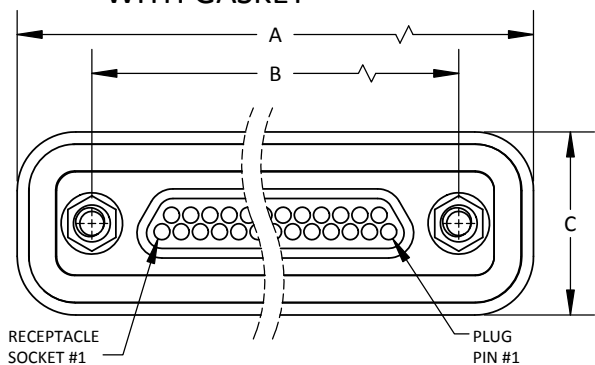
REAR VIEW



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
D

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

MDW-X XXX-X 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
- C = ANODIZE
- D = CHEM FILM
- E = BLACK CADMIUM
- G = GOLD
- P = PASSIVATED (STAINLESS STEEL)

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

EMI SPRINGS

E = EMI SPRINGS (PLUG ONLY)

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 OR STAINLESS STEEL
INSULATOR/BACKSHELL - GLASS FILLED THERMOPLASTIC
PIN/SOCKET CONTACT - COPPER ALLOY
INTERFACIAL SEAL - FLUOROSILICONE BLEND
GROUND SPRINGS - BERYLLIUM COPPER

2. FINISH:

SHELL - SEE OPTIONS ABOVE
PIN/SOCKET CONTACT - GOLD OVER NICKEL
GROUND SPRINGS - 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 RoHS AND 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

D