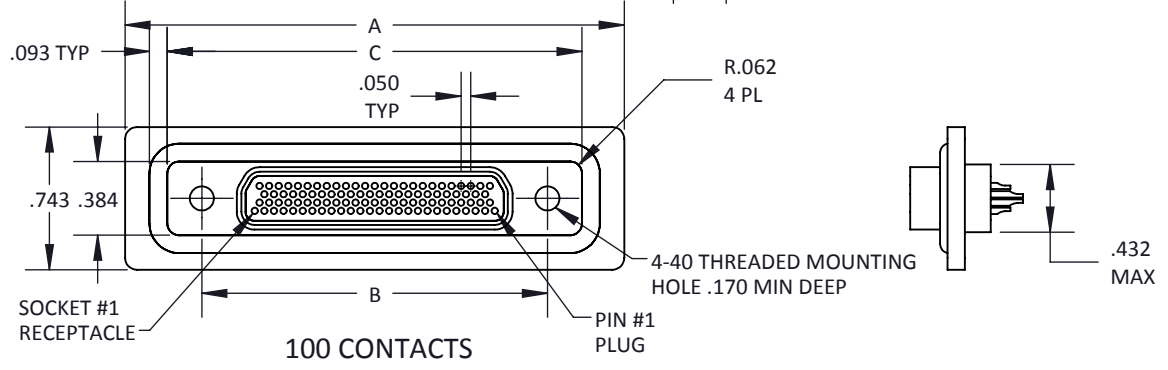
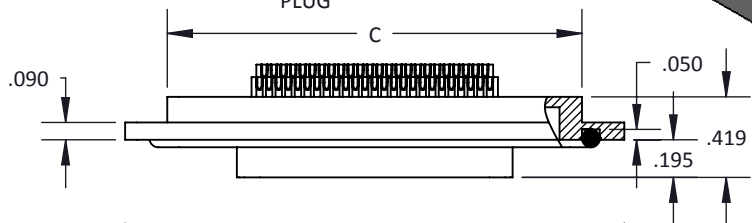
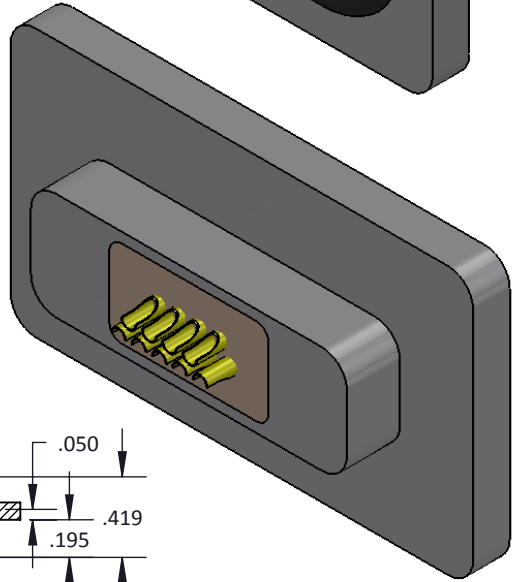
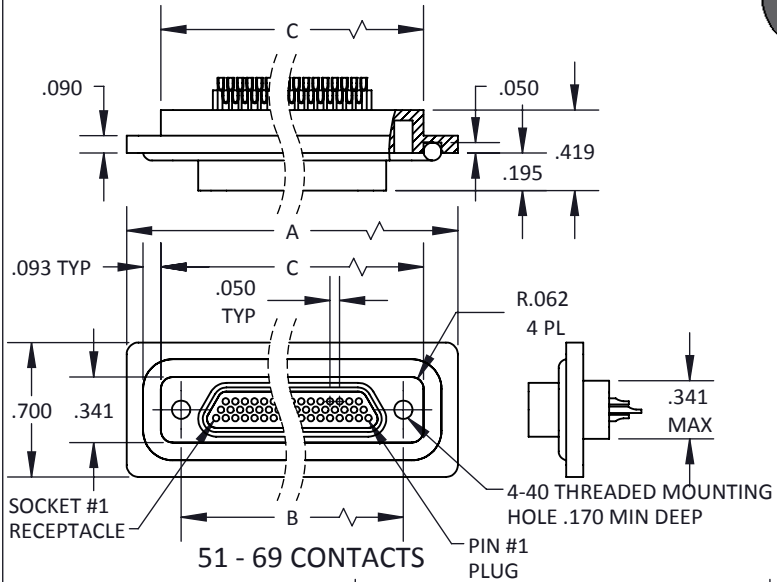
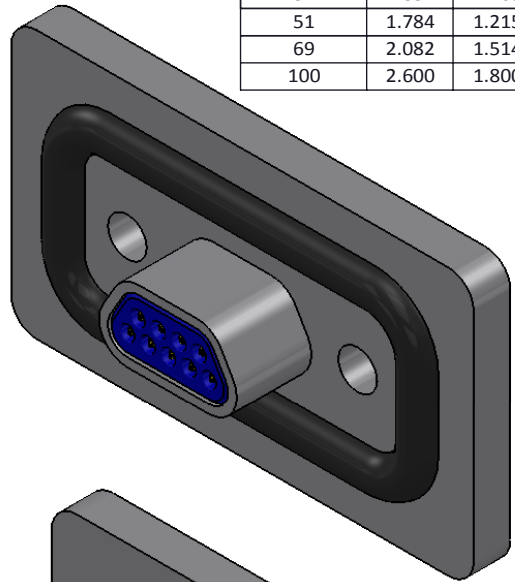
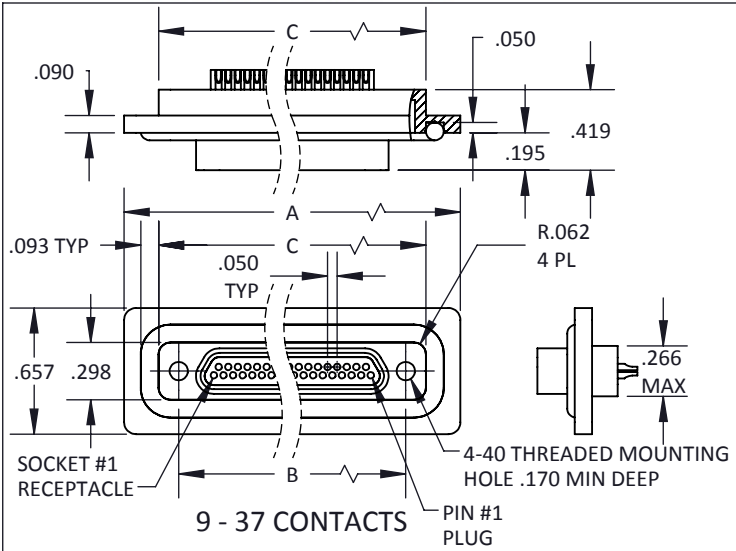


NO. OF CONTACTS	A	B	C
9	1.134	.565	.775
15	1.284	.715	.925
21	1.434	.865	1.075
25	1.534	.965	1.175
31	1.684	1.115	1.325
37	1.834	1.265	1.475
51	1.784	1.215	1.425
69	2.082	1.514	1.724
100	2.600	1.800	2.160



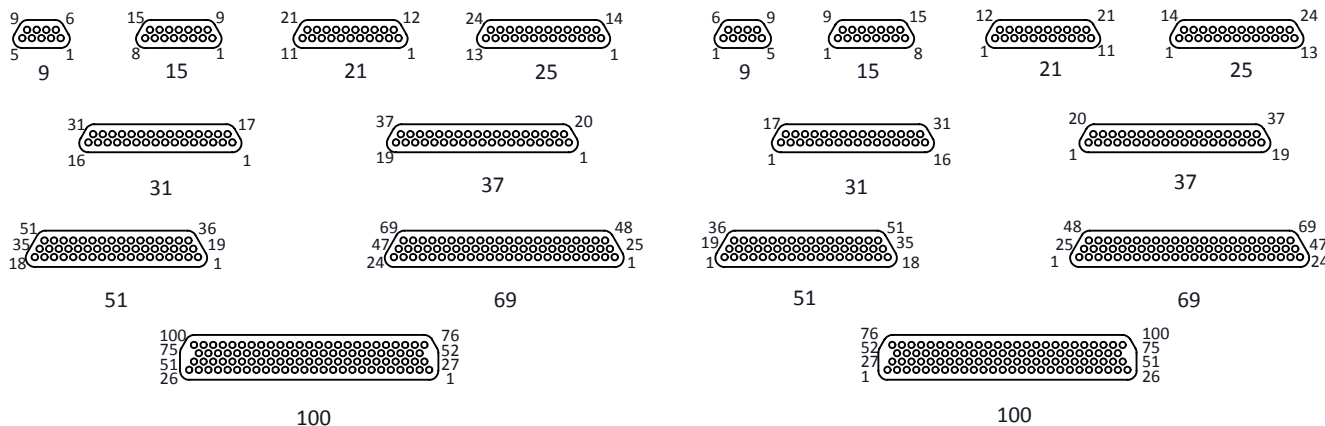
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
**MICRO-D WITH O-RING**

SHT 1 OF 2

DWG. NO.  
**MDG**

REV  
**J**



PLUG MATING FACE

RECEPTACLE MATING FACE

MDG XXX X - X X X X X X - X

CRISTEK METAL SHELL MICRO-D CONNECTORS (MATE WITH M83513)

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

GENDER  
P = PIN, PLUG SHELL  
S = SOCKET, RECEPTACLE SHELL

HARDWARE  
U = TAPPED FOR 4-40 SCREW\* T = TAPPED FOR 2-56 SCREW  
A = JACKPOST (.040 RPM) E = JACKPOST (.040 RPM)  
B = JACKPOST (.060 RPM) F = JACKPOST (.060 RPM)  
C = JACKPOST (.070 RPM) G = JACKPOST (.070 RPM)  
D = JACKPOST (.080 RPM) H = JACKPOST (.080 RPM)

SHELL FINISH  
A = CADMIUM  
B = NICKEL  
C = ANODIZE (BLACK)  
D = CHEM FILM  
E = GOLD

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 (OMIT FOR NONE)  
C = CONDUCTIVE, EMI  
D = DIELECTRIC, NON-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

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 WHERE APPLICABLE FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

- MATERIALS:  
SHELL - ALUMINUM ALLOY  
INSULATOR - GLASS FILLED THERMOPLASTIC  
PIN/SOCKET CONTACT - COPPER ALLOY  
INTERFACIAL SEAL - FLUOROSILICONE BLEND  
"O" RING - FLUOROSILICONE BLEND
- FINISH:  
SHELL - SEE OPTIONS ABOVE  
PIN/SOCKET CONTACT - GOLD OVER NICKEL

- 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 ----- 8 MILLIOHMS MAX AT 2.5 AMPS  
LOW LEVEL CONTACT ----- 10 MILLIOHMS MAX  
RESISTANCE  
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD  
ENGAGEMENT FORCE ----- 6 oz MAX  
SEPARATION FORCE ----- 0.5 oz MIN

- ADDITIONAL INFORMATION:  
DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513 WHERE APPLICABLE. CONTACT CRISTEK FOR OTHER TERMINATIONS AND HARDWARE OPTIONS.

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

TITLE  
MICRO-D WITH O-RING

SHT 2 OF 2

DWG. NO.  
MDG

REV  
J