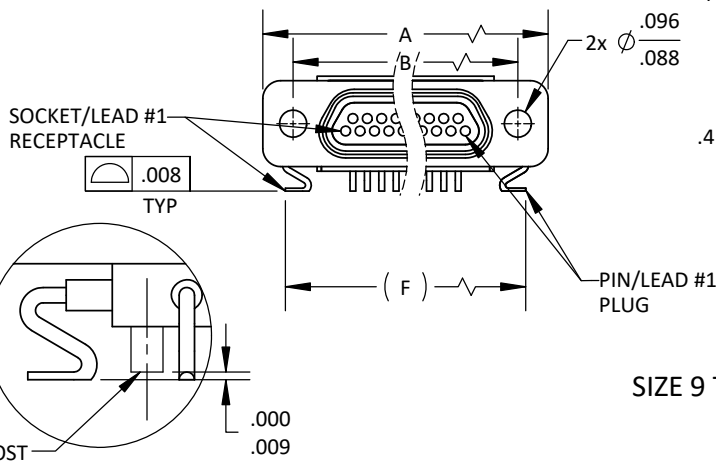
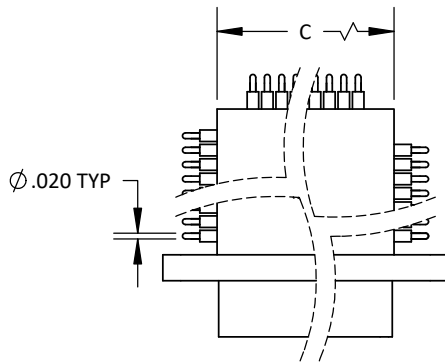
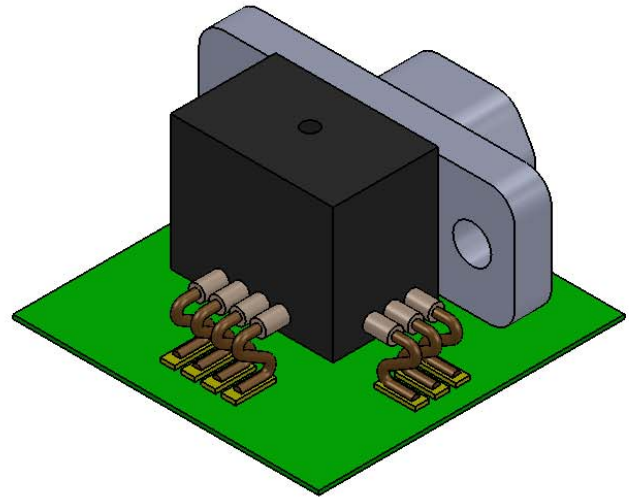
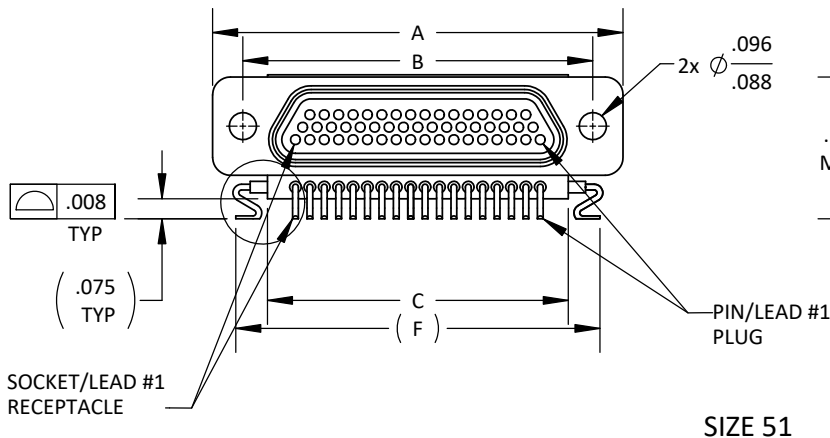
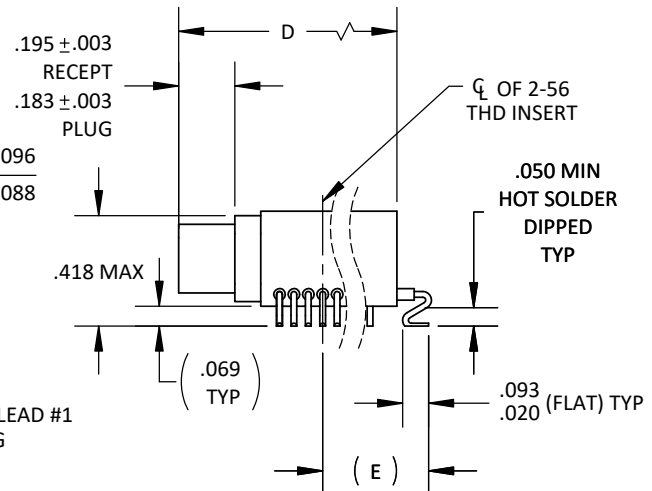


**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**

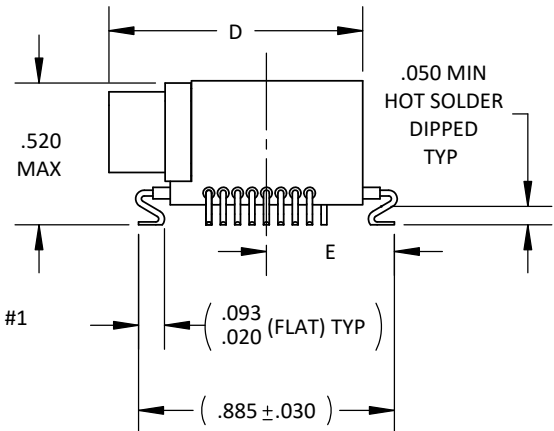
NO. OF CONTACTS	A MAX	B ±.005	C MAX	D MAX	E ±.010	F ±.030
9	.785	.565	.400	.570	.250	.610
15	.935	.715	.550	.620	.295	.760
21	1.085	.865	.700	.720	.395	.910
25	1.185	.965	.800	.770	.398	1.010
31	1.335	1.115	.950	.870	.445	1.160
37	1.485	1.265	1.100	.920	.495	1.276
51	1.435	1.215	1.045	.980	.460	1.265



SIZE 9 THRU 37



SIZE 51



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

TITLE
**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**

SHT 1 OF 4

DWG. NO.
SMR

REV
W

SMR - X XXX - X X T

SURFACE MOUNT METAL SHELL
RIGHT ANGLE MICRO-D

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

NUMBER OF CONTACTS
009 025 051
015 031
021 037

SHELL HARDWARE
0 = NO HARDWARE
1 = JACKPOST PER M83513/05 - 07
2 = SLOTTED JACKSCREW PER M83513/05 - 05
3 = CAPTURED HEX DRIVE LOW PROFILE JACKSCREW

SHELL FINISH
A = CADMIUM
B = NICKEL

THREADED INSERT STANDOFF(S)

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
LEAD - BRASS
INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:

SHELL - ELECTROLESS NICKEL OR CADMIUM
OVER ELECTROLESS NICKEL
PIN/SOCKET CONTACT & LEAD - GOLD OVER NICKEL
(LEADS ARE TYPICALLY HOT SOLDER DIPPED)

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 ----- 70 mV DROP MAX AT 2.5 AMPS
LOW LEVEL CONTACT ----- 25 MILLIOHMS MAX
RESISTANCE
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 HARDWARE
OPTIONS.

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

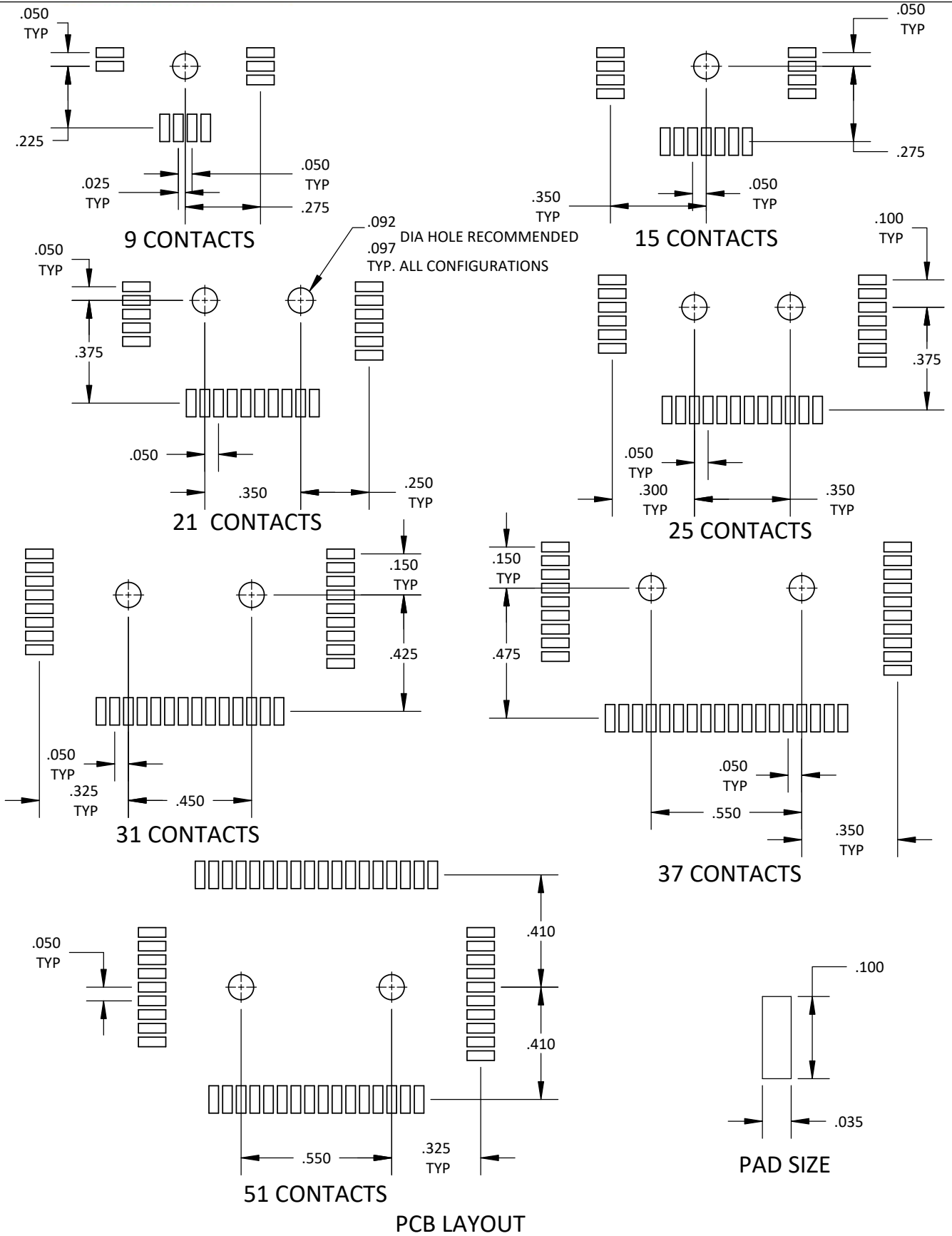
TITLE
**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**

SHT 2 OF 4

DWG. NO.
SMR

REV
W

**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**



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

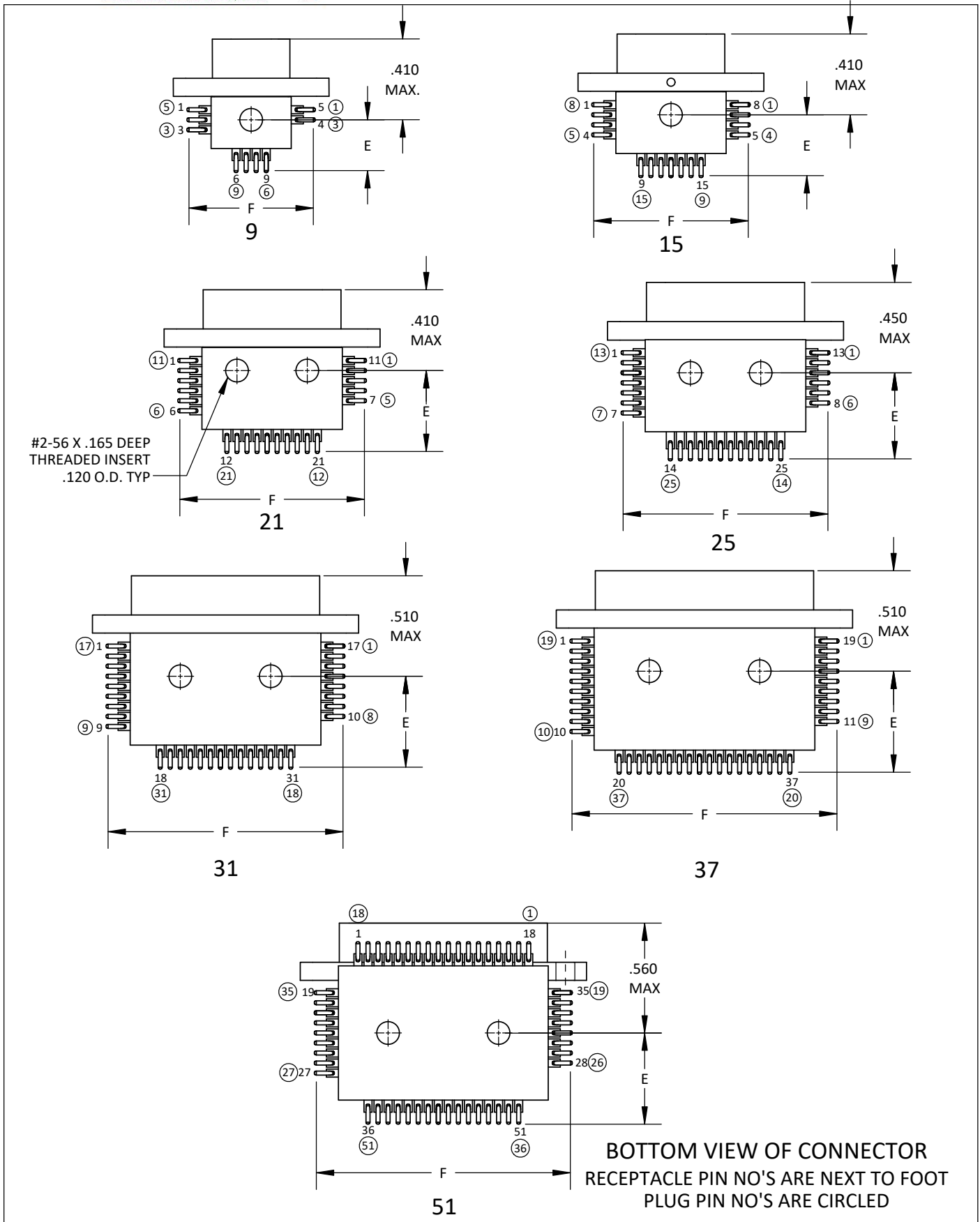
TITLE
**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**

SHT 3 OF 4

DWG. NO.
SMR

REV
W

**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**



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

TITLE
**MICRO-D METAL SHELL
SURFACE MOUNT RIGHT ANGLE**

SHT 4 OF 4

DWG. NO.
SMR

REV
W