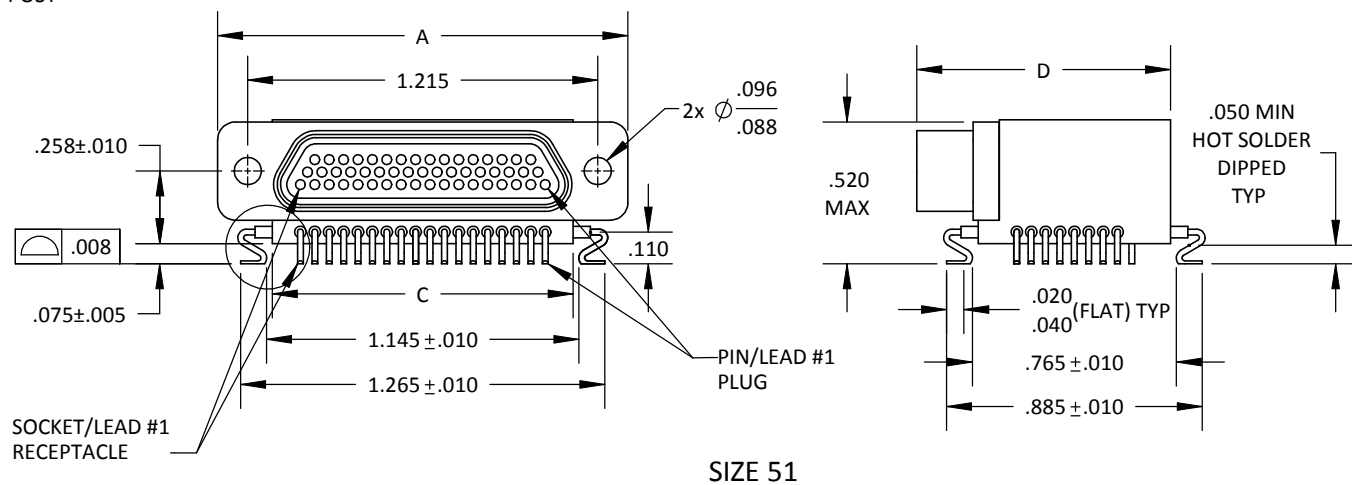
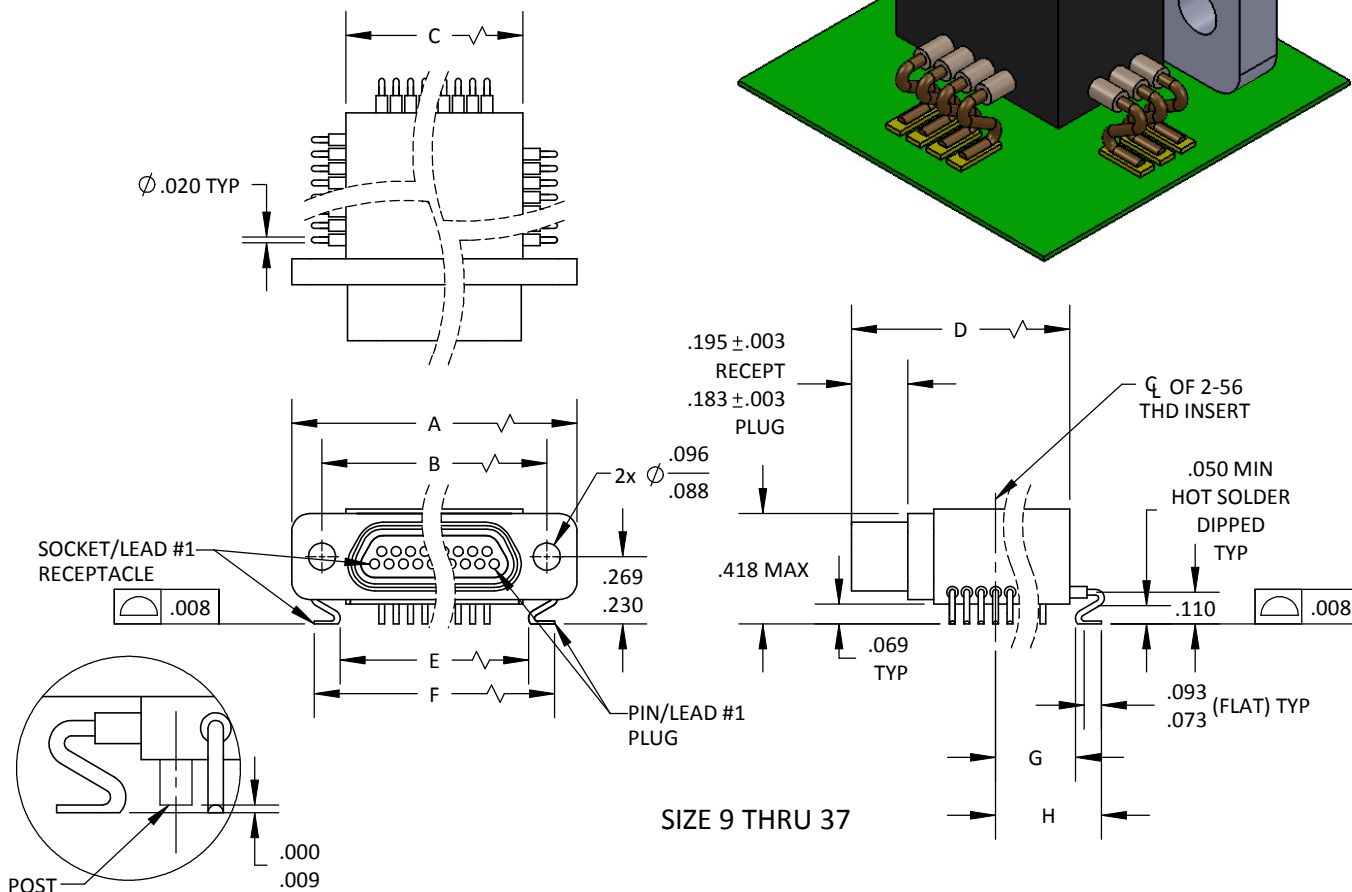
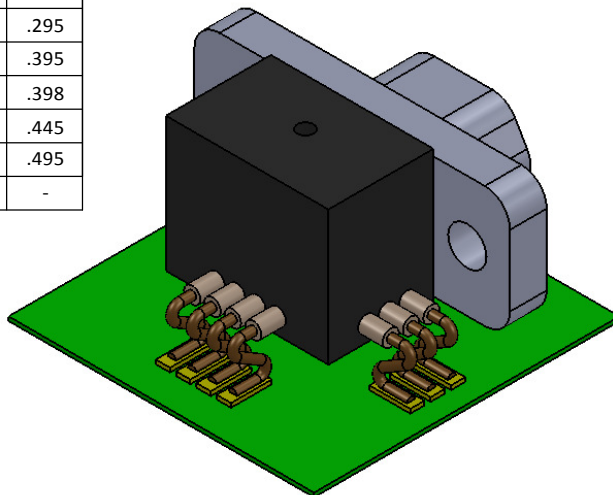


NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX	E ±.010	F ±.010	G ±.010	H ±.010
9	.785	.565	.400	.570	.400	.610	.145	.250
15	.935	.715	.550	.620	.550	.760	.190	.295
21	1.085	.865	.700	.720	.700	.910	.290	.395
25	1.185	.965	.800	.770	.800	1.010	.293	.398
31	1.335	1.115	.950	.870	.950	1.160	.340	.445
37	1.485	1.265	1.100	.920	1.100	1.310	.390	.495
51	1.435	1.215	1.045	.980	-	-	-	-



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

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

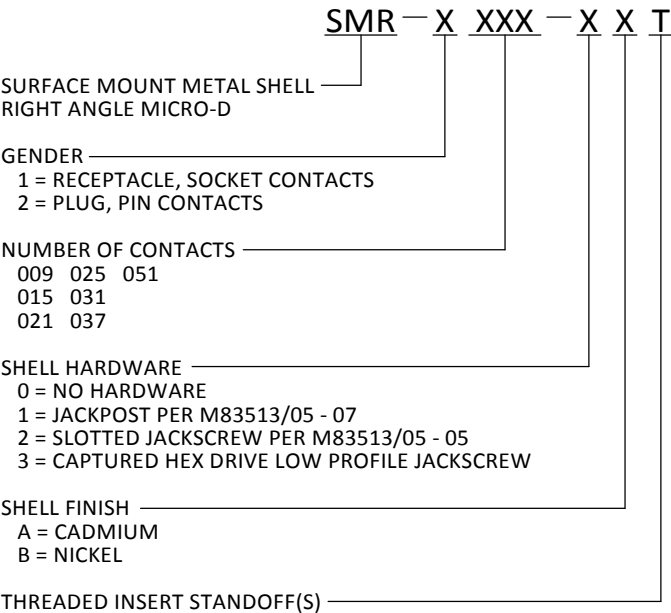
SHT 1 OF 4

DWG. NO.  
**SMR**

REV  
**U**



MICRO-D METAL SHELL  
SURFACE MOUNT RIGHT ANGLE



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:

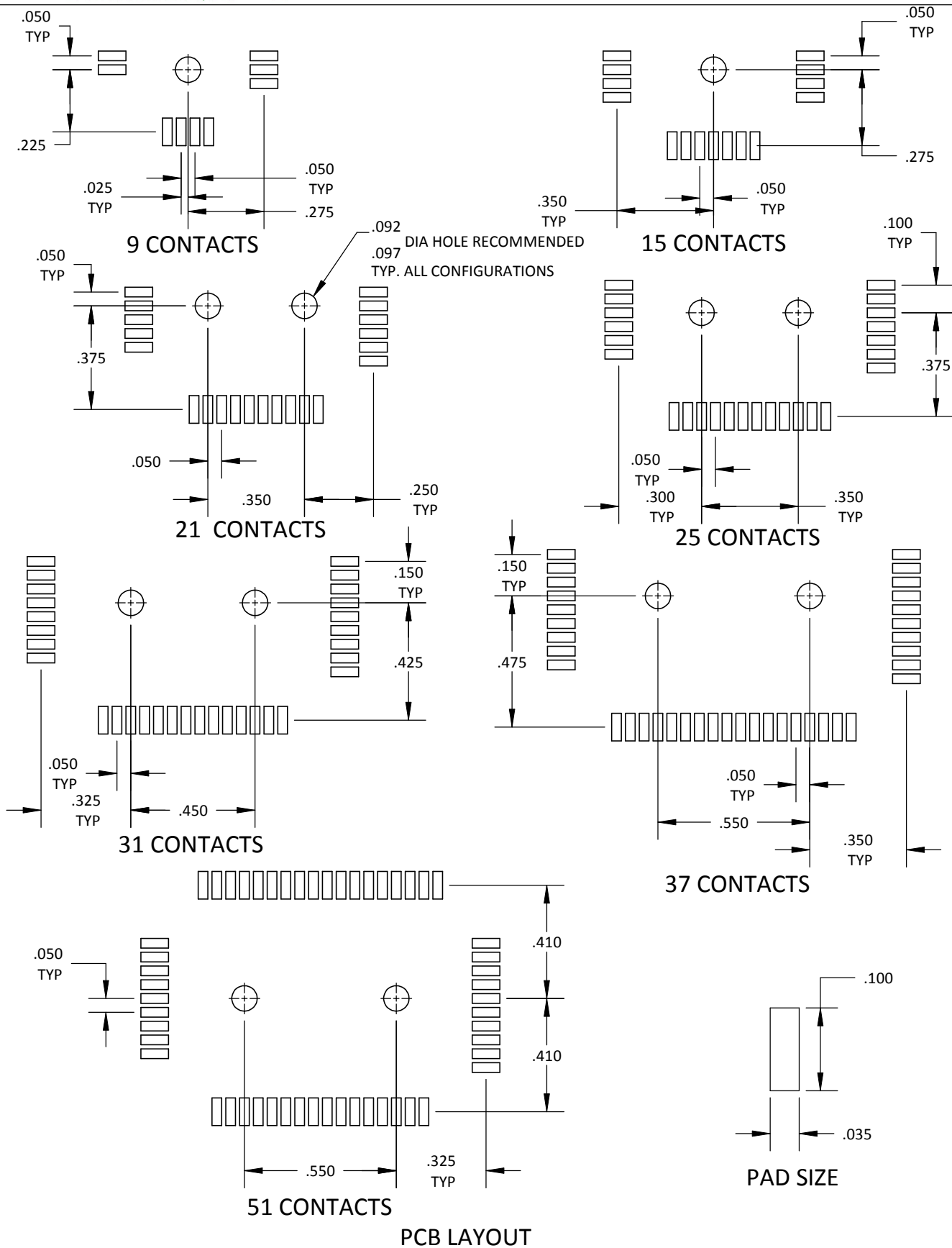
  - SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
  - PIN/SOCKET CONTACT & LEAD - GOLD OVER NICKEL (LEADS ARE TYPICALLY HOT SOLDER DIPPED)
3. SPECIFICATIONS:

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



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

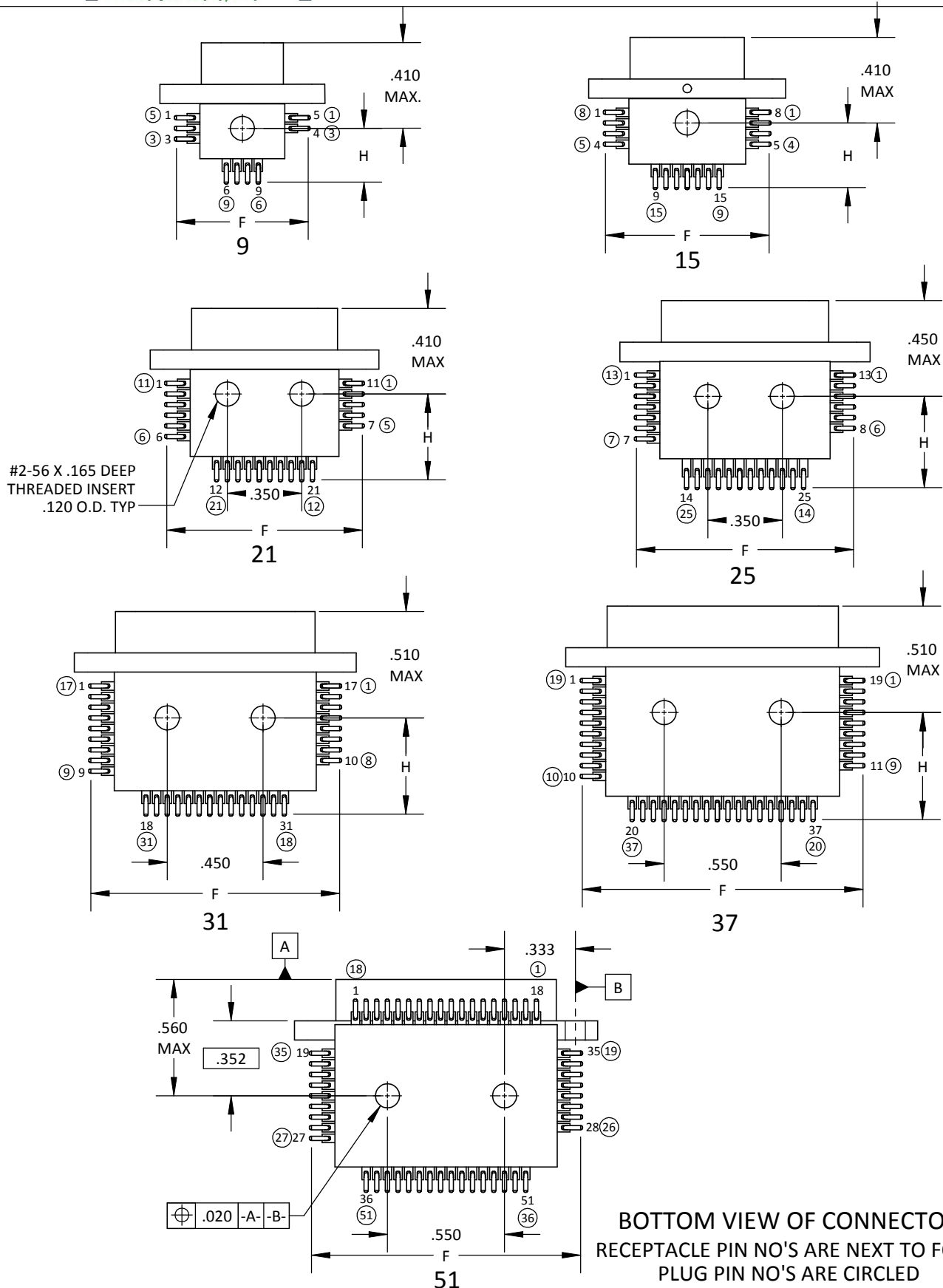
TITLE  
**MICRO-D METAL SHELL  
SURFACE MOUNT RIGHT ANGLE**

SHT 3 OF 4

DWG. NO.  
**SMR**

REV  
**U**

MICRO-D METAL SHELL  
SURFACE MOUNT RIGHT ANGLE



TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE <b>MICRO-D METAL SHELL</b> <b>SURFACE MOUNT RIGHT ANGLE</b>	SHT 4 OF 4	DWG. NO. SMR	REV U
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