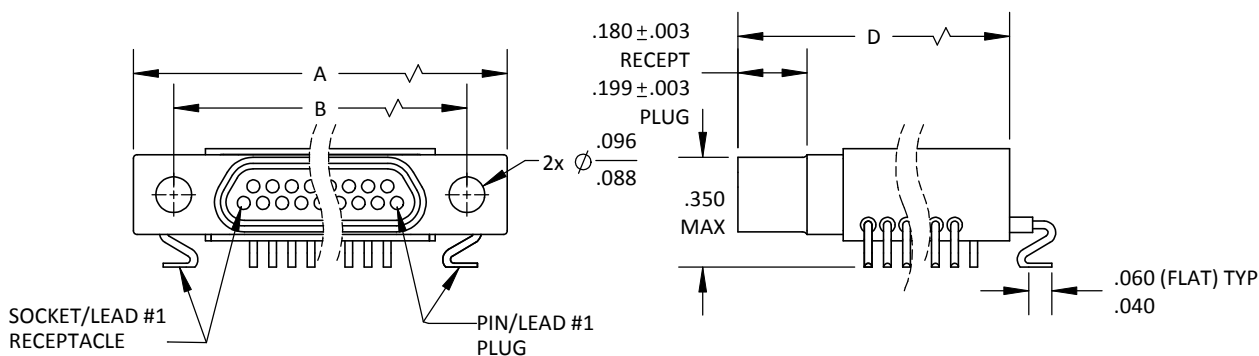
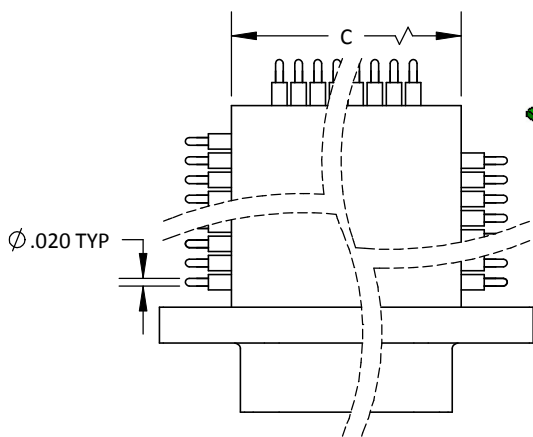
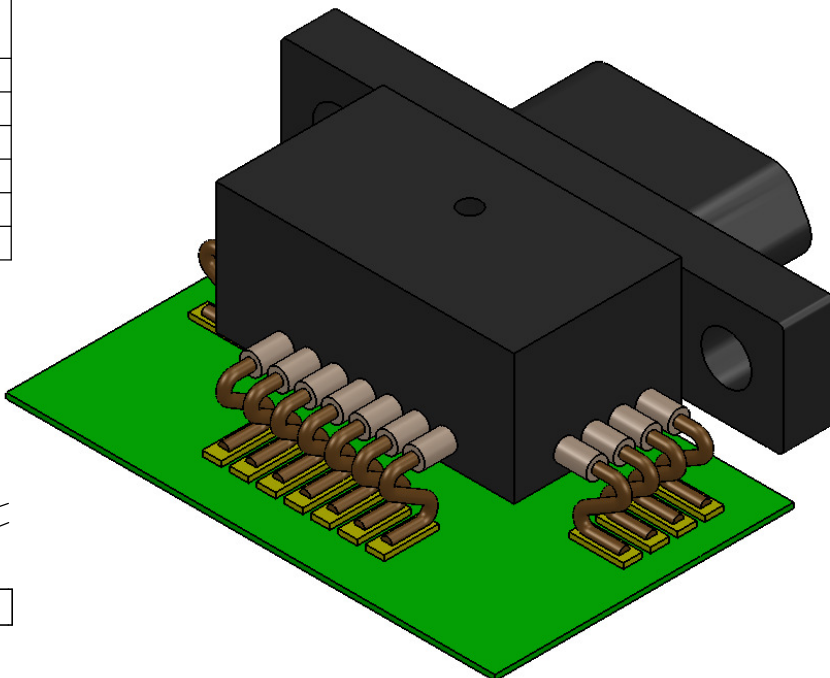
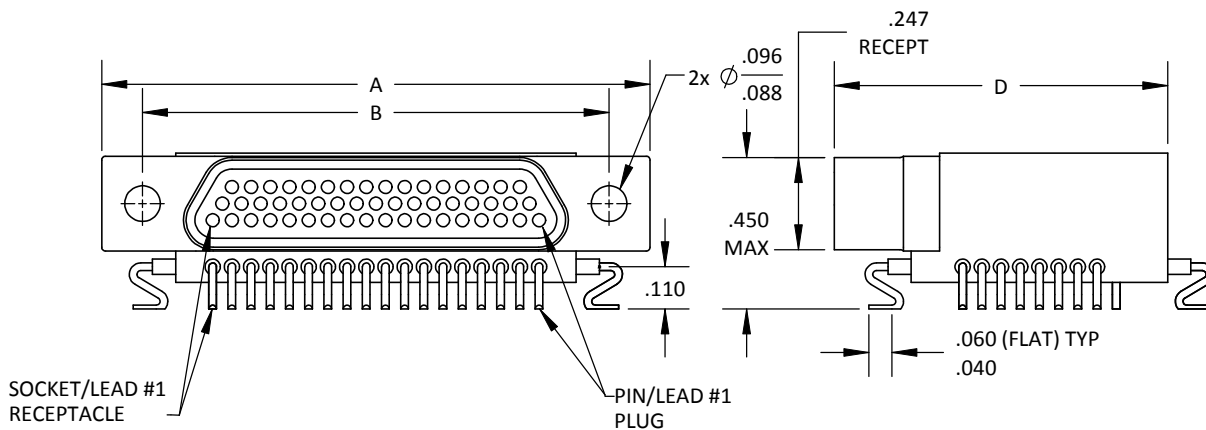


NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX
15	.935	.715	.550	.620
21	1.085	.865	.700	.720
25	1.185	.965	.800	.770
31	1.335	1.115	.950	.870
37	1.485	1.265	1.100	.920
51	1.438	1.215	1.050	.980



SIZE 9 THRU 37



SIZE 51

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

TITLE  
MICRO-D PLASTIC SHELL  
SURFACE MOUNT RIGHT ANGLE

SHT 1 OF 4

DWG. NO.  
SPR

REV  
K

SPR - X XXX - X X T

SURFACE MOUNT PLASTIC SHELL  
RIGHT ANGLE MICRO-D

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

NUMBER OF CONTACTS  
015 031 (SIZE 9 AVAILABLE WITHOUT STANDOFFS)  
021 037  
025 051

SHELL HARDWARE  
0 = NO HARDWARE  
1 = JACKPOST PER M83513/05 - 07  
2 = SLOTTED JACKSCREW PER M83513/05 - 05

TBD

THREADED INSERT STANDOFF(S)  
(OMIT FOR SIZE 9)

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

1. MATERIALS:

INSULATOR/BACKSHELL - GLASS FILLED THERMOPLASTIC  
PIN/SOCKET CONTACT - COPPER ALLOY  
LEAD - BRASS

2. FINISH:

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.

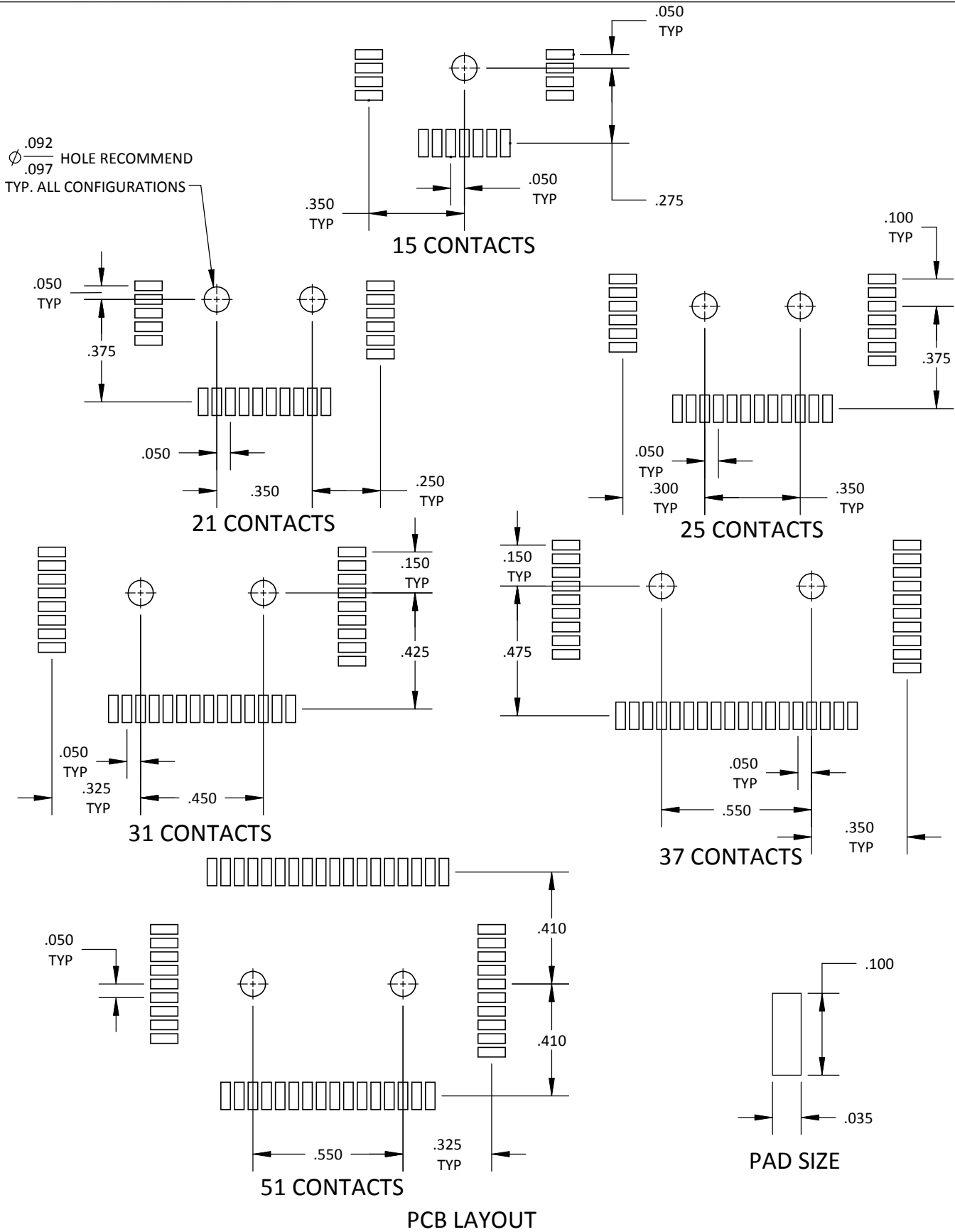
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
MICRO-D PLASTIC SHELL  
SURFACE MOUNT RIGHT ANGLE

SHT 2 OF 4

DWG. NO.  
SPR

REV  
K



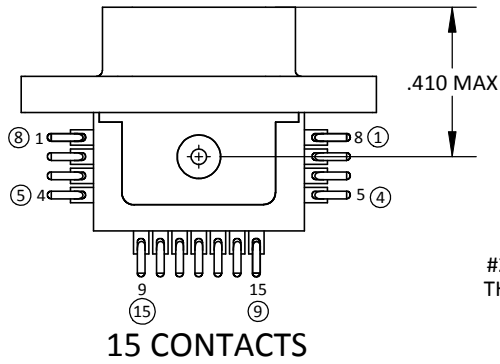
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

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

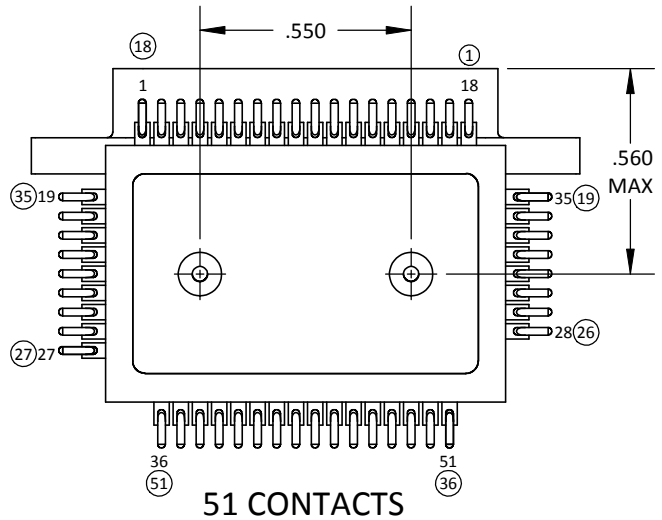
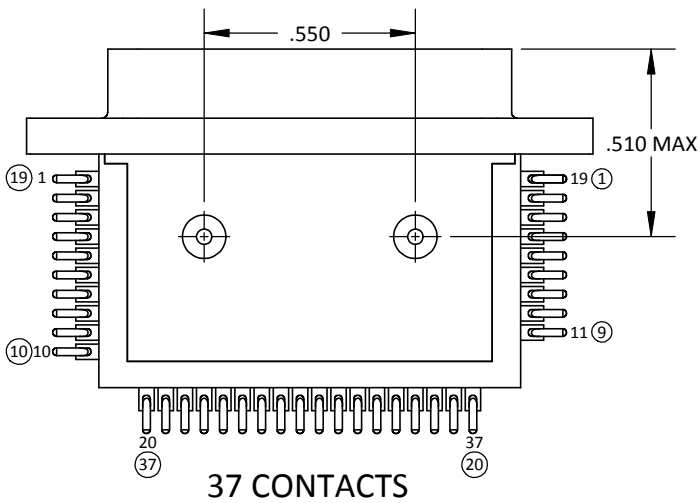
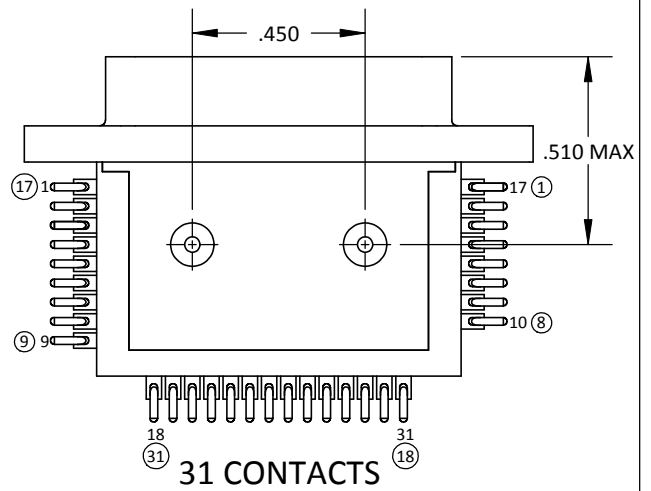
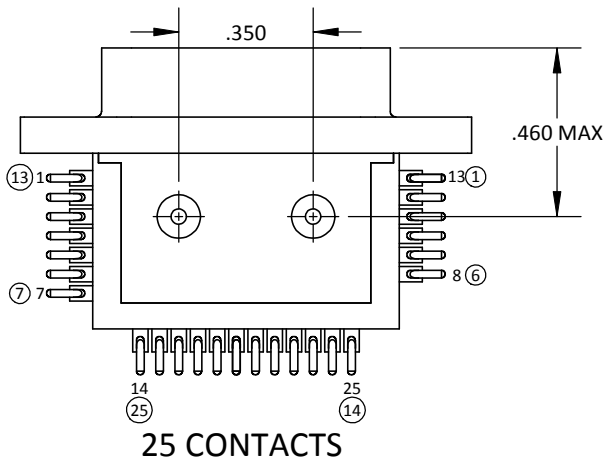
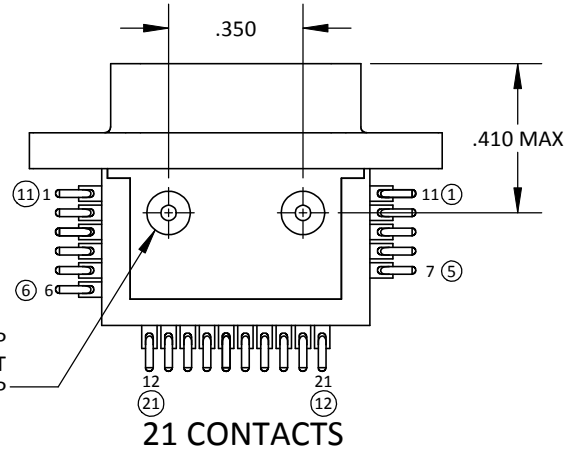
SHT 3 OF 4

DWG. NO.  
SPR

REV  
**K**



#2-56 X .165 DEEP  
THREADED INSERT  
.120 O.D. TYP



**BOTTOM VIEW OF CONNECTOR**  
RECEPTACLE PIN NO'S ARE NEXT TO FOOT  
PLUG PIN NO'S ARE CIRCLED

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

TITLE  
MICRO-D PLASTIC SHELL  
SURFACE MOUNT RIGHT ANGLE

SHT 4 OF 4

DWG. NO.  
SPR

REV  
K