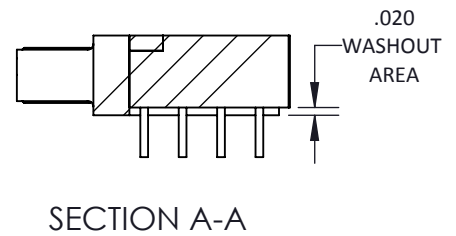
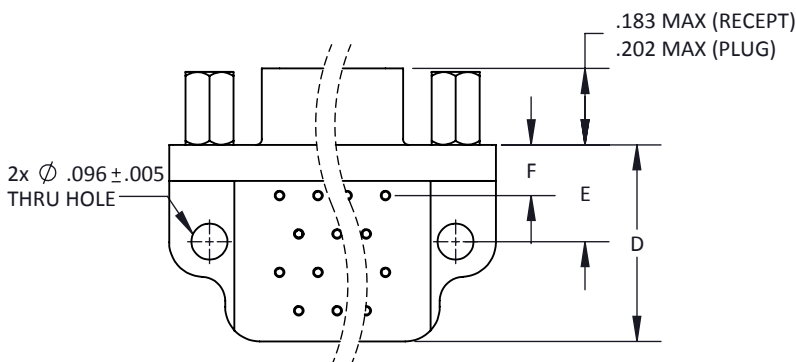
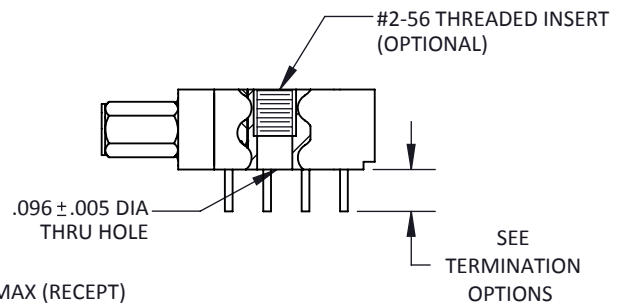
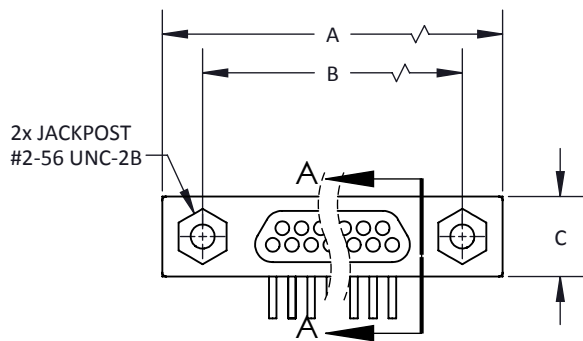
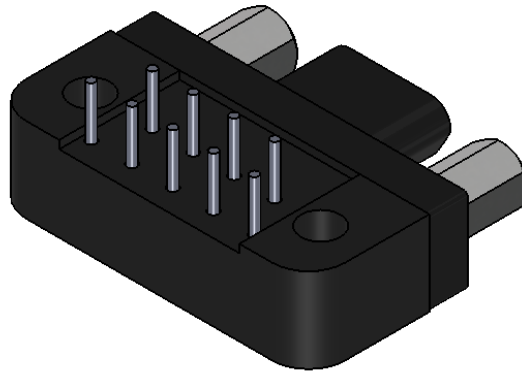
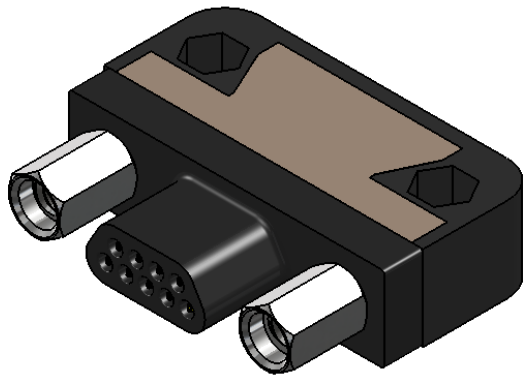


NO. OF POSITIONS	A MAX	B NOM	C MAX	D MAX	E ±.01	F ±.01
9	.790	.565	.230	.425	.25	.23
15	.940	.715	.230	.425	.25	.13
21	1.090	.865	.230	.425	.25	.13
25	1.190	.965	.230	.425	.25	.13
31	1.340	1.115	.230	.525	.25	.13
37	1.550	1.265	.230	.525	.25	.13
51	1.440	1.215	.275	.660	.30	.15



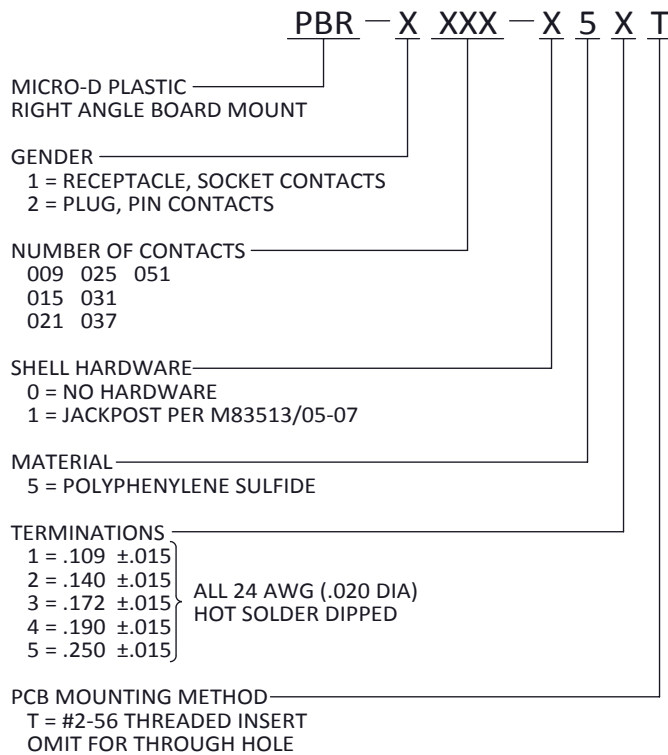
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
MICRO-D PLASTIC SHELL  
RIGHT ANGLE P.C.B. MOUNT

SHT 1 OF 4

DWG. NO.  
PBR

REV  
K



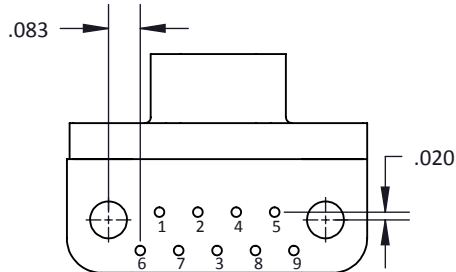
MATERIALS AND FINISHES ARE IAW MIL-DTL-83513  
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:  
INSULATOR / BACKSHELL - GLASS FILLED THERMOPLASTIC  
PIN/SOCKET CONTACT - COPPER ALLOY
2. FINISH:  
PIN/SOCKET CONTACT - GOLD OVER NICKEL

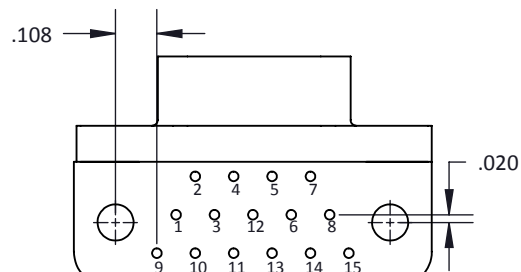
3. SPECIFICATIONS:  
CURRENT RATING ----- 3 AMPS MAX  
TEMPERATURE RATING ----- -55° C TO +125° C  
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN  
DWV AT SEA LEVEL ----- 600 VAC  
DWV AT 70,000 FT ALTITUDE --- 150 VAC  
CONTACT RESISTANCE ----- 24 AWG = 25 MILLIOHMS MAX.  
CONTACT RETENTION ----- 5 lb 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 OTHER CONFIGURATIONS

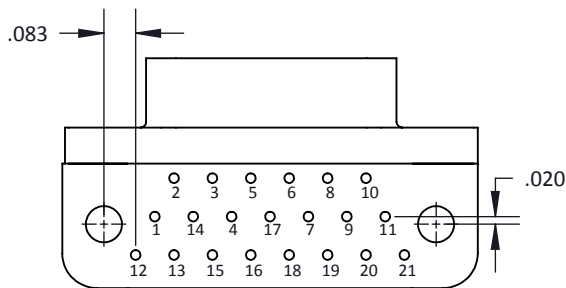
TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE <b>MICRO-D PLASTIC SHELL RIGHT ANGLE P.C.B. MOUNT</b>	SHT 2 OF 4	DWG. NO. <b>PBR</b>	REV <b>K</b>
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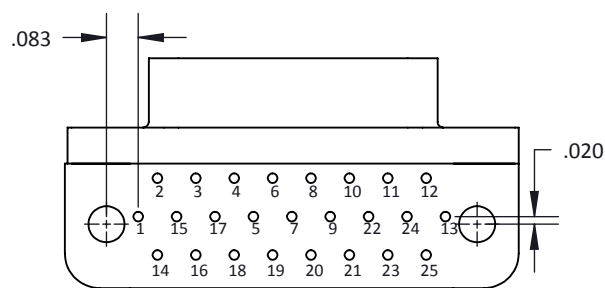
9 CONTACTS



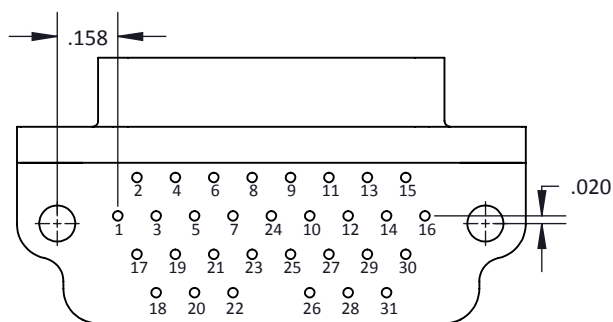
15 CONTACTS



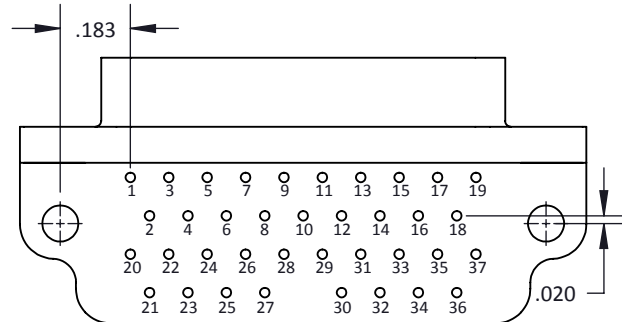
21 CONTACTS



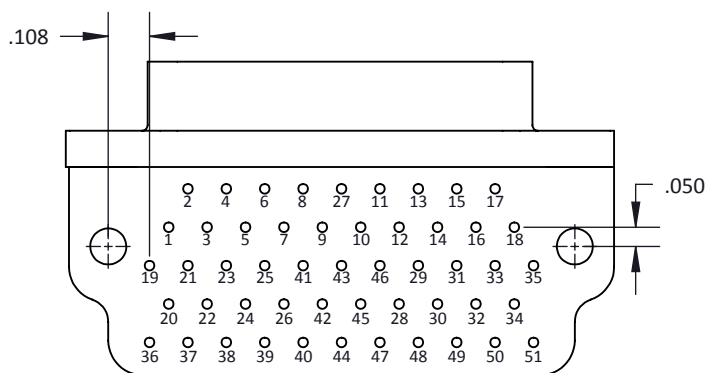
25 CONTACTS



31 CONTACTS



37 CONTACTS



51 CONTACTS

PBR PLUG PCB LAYOUT

0.100 X 0.100 GRID PATTERN OFFSET 0.050

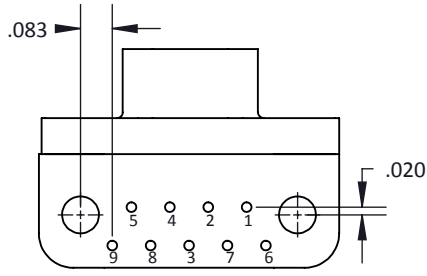
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
MICRO-D PLASTIC SHELL  
RIGHT ANGLE P.C.B. MOUNT

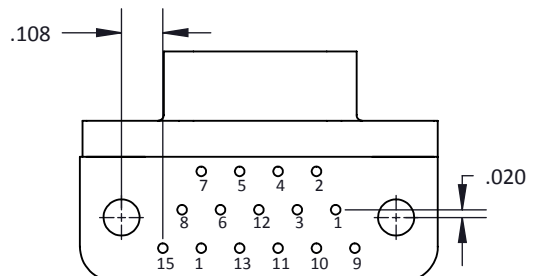
SHT 3 OF 4

DWG. NO.  
PBR

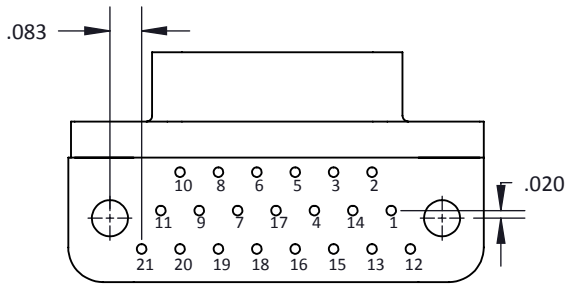
REV  
K



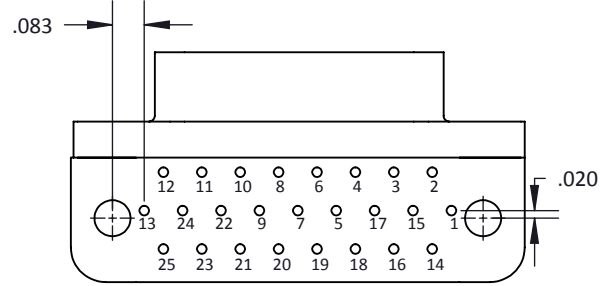
9 CONTACTS



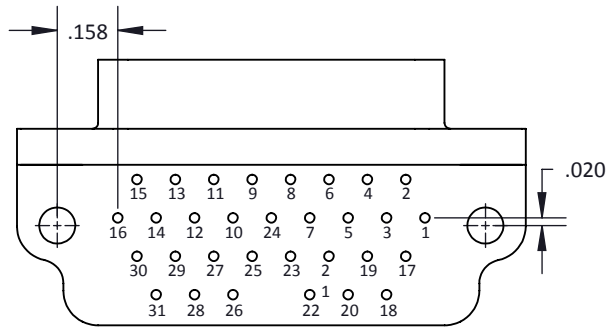
15 CONTACTS



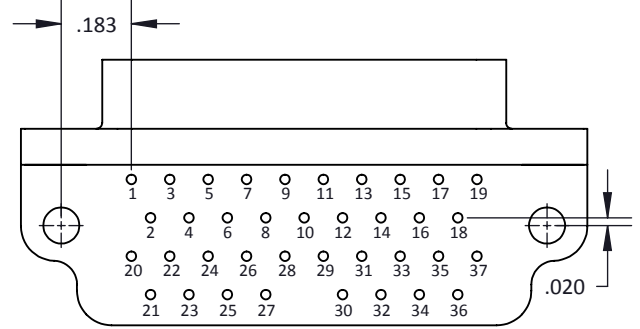
21 CONTACTS



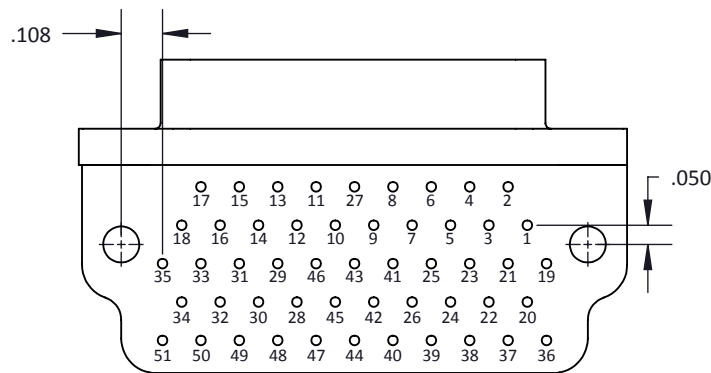
25 CONTACTS



31 CONTACTS



37 CONTACTS



51 CONTACTS

**PBR RECEPTACLE PCB LAYOUT**  
0.100 X 0.100 GRID PATTERN OFFSET 0.050

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

TITLE  
**MICRO-D PLASTIC SHELL  
RIGHT ANGLE P.C.B. MOUNT**

SHT 4 OF 4

DWG. NO.  
PBR

REV  
**K**