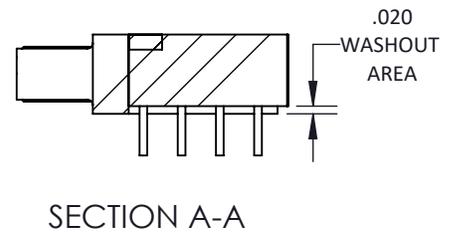
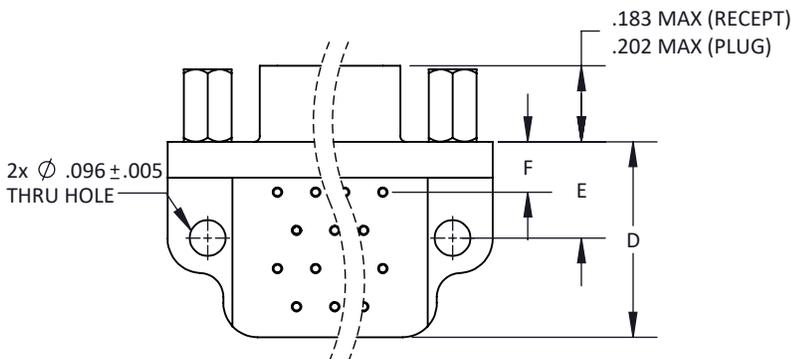
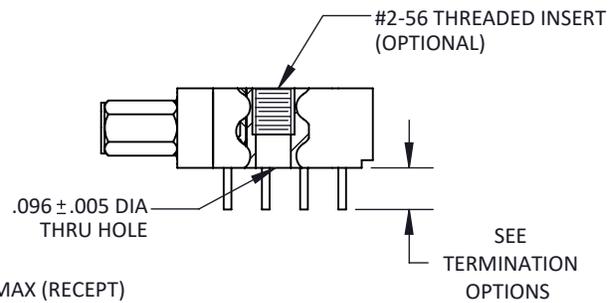
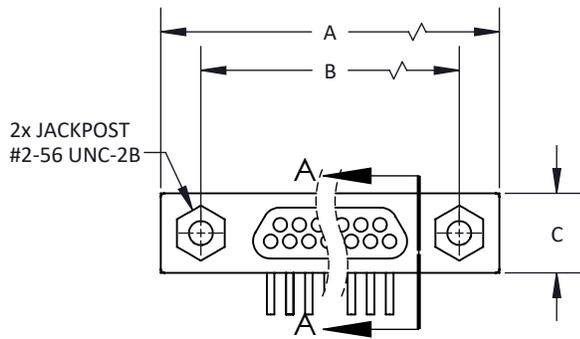
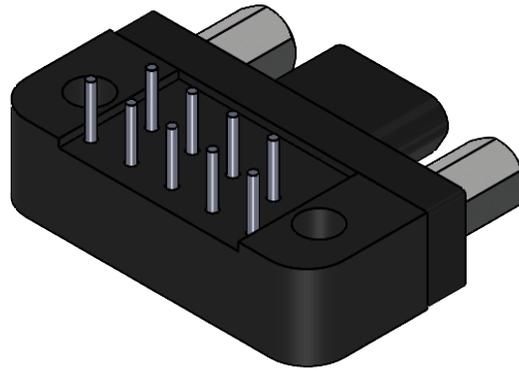
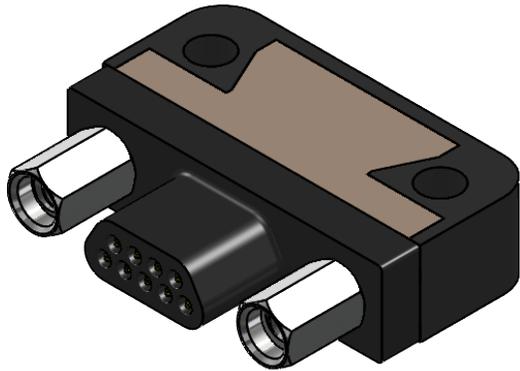


NO. OF POSITIONS	A MAX	B NOM	C MAX	D MAX	E ±.01	F ±.01
9	.790	.565	.230	.425	.25	.23
15	.940	.715	.230	.425	.25	.13
21	1.090	.865	.230	.425	.25	.13
25	1.190	.965	.230	.425	.25	.13
31	1.340	1.115	.230	.525	.25	.13
37	1.550	1.265	.230	.525	.25	.13
51	1.440	1.215	.275	.660	.30	.15



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
L

PBR - X XXX - X 5 X T

MICRO-D PLASTIC
RIGHT ANGLE BOARD MOUNT

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

MATERIAL
5 = POLYPHENYLENE SULFIDE

TERMINATIONS
1 = .109 ±.015
2 = .140 ±.015
3 = .172 ±.015
4 = .190 ±.015
5 = .250 ±.015

ALL 24 AWG (.020 DIA)
HOT SOLDER DIPPED

PCB MOUNTING METHOD
T = #2-56 THREADED INSERT
OMIT FOR THROUGH HOLE

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 ----- 65 mV DROP MAX AT 2.5 AMPS
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

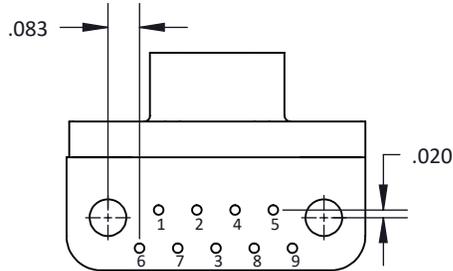
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

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

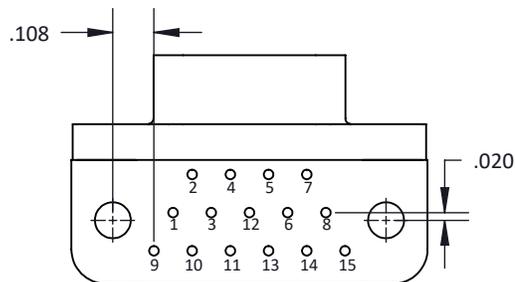
SHT 2 OF 4

DWG. NO.
PBR

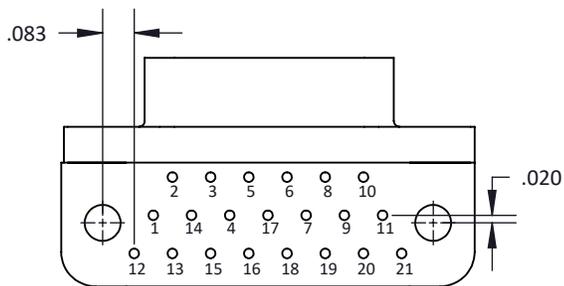
REV
L



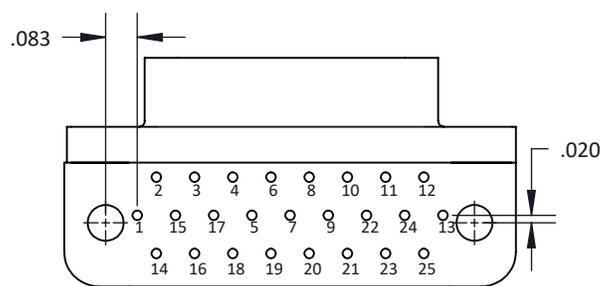
9 CONTACTS



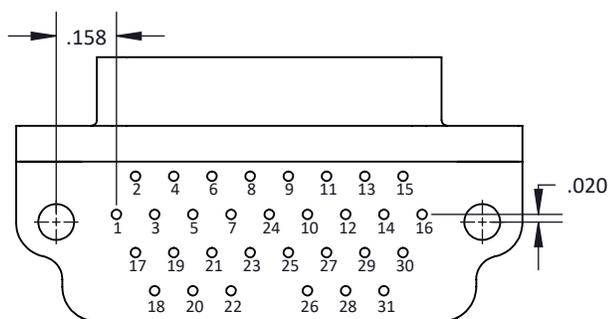
15 CONTACTS



21 CONTACTS



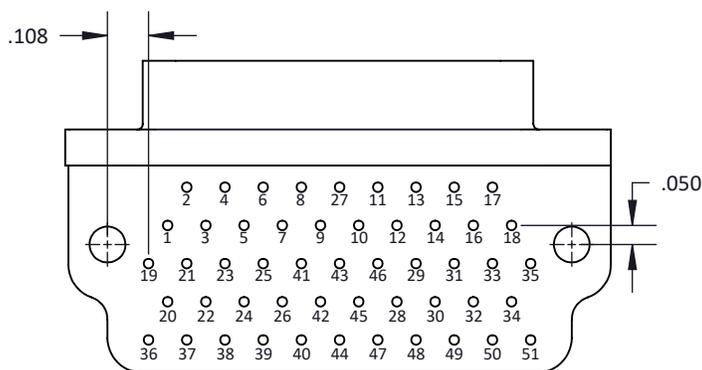
25 CONTACTS



31 CONTACTS



37 CONTACTS



51 CONTACTS

PBR PLUG PCB LAYOUT
0.100 X 0.100 GRID PATTERN OFFSET 0.050

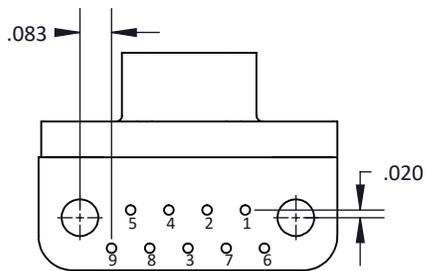
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

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

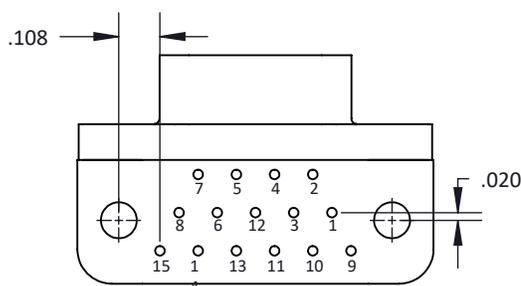
SHT 3 OF 4

DWG. NO.
PBR

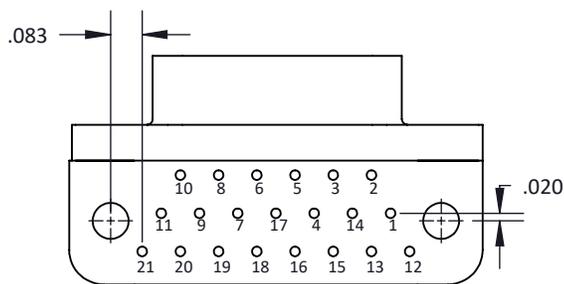
REV
L



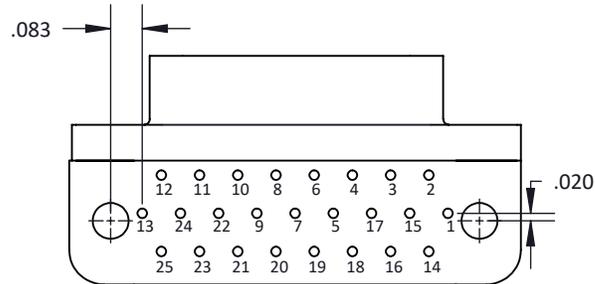
9 CONTACTS



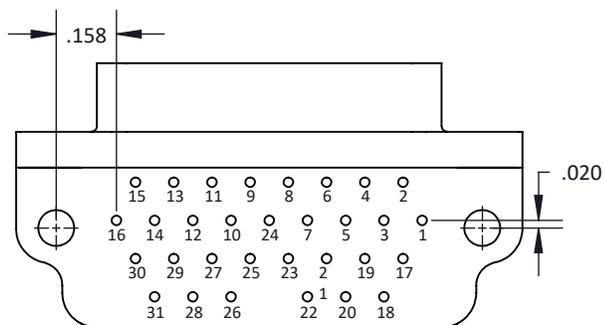
15 CONTACTS



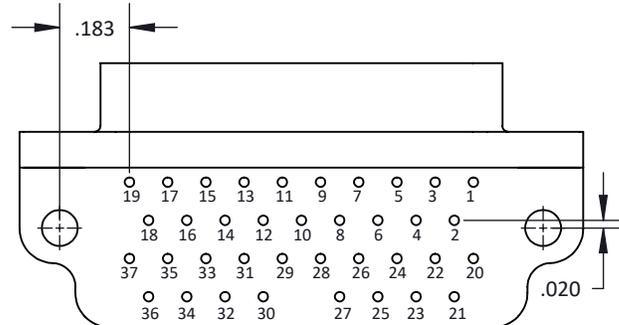
21 CONTACTS



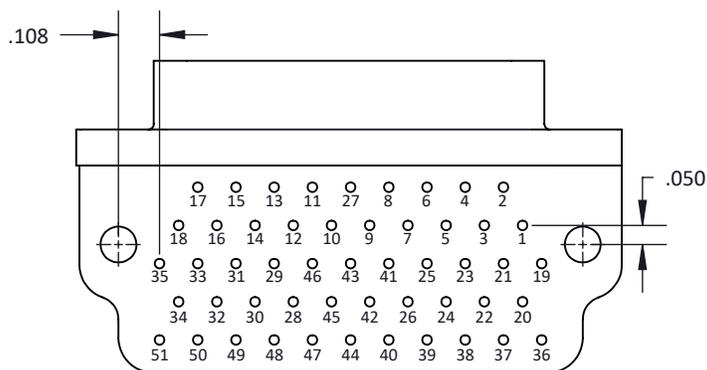
25 CONTACTS



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
L