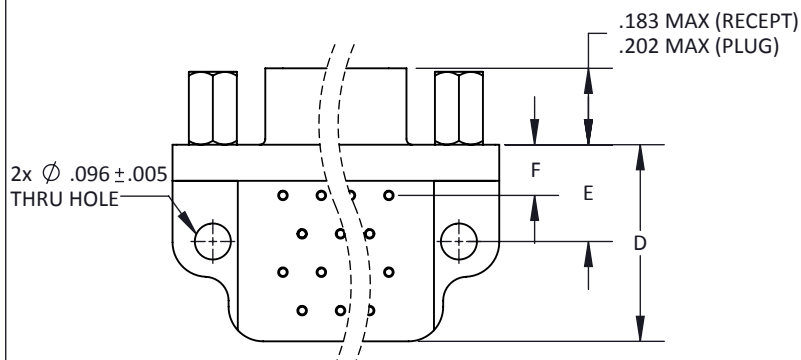
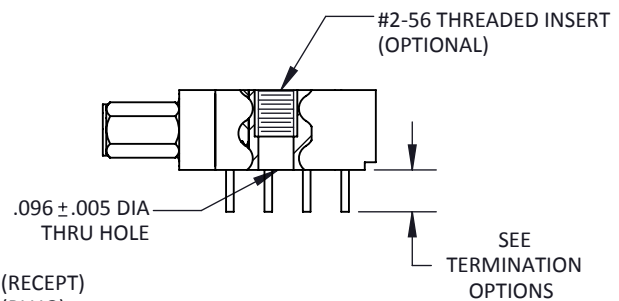
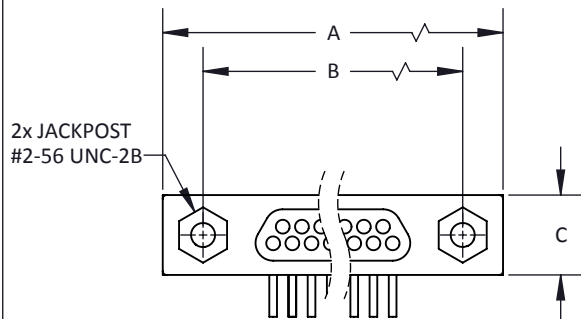
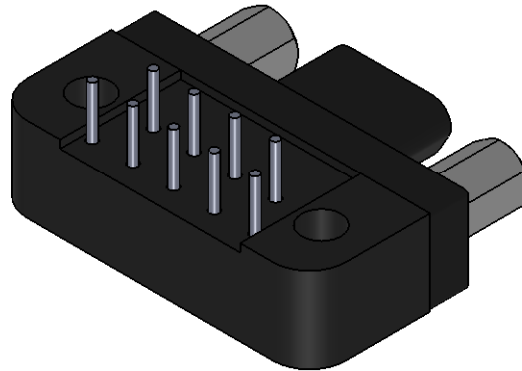
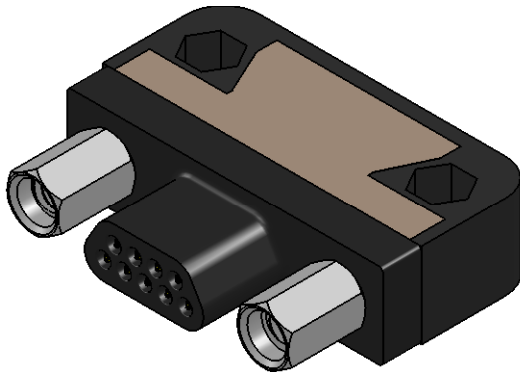


**MICRO-D PLASTIC SHELL
RIGHT ANGLE P.C.B. MOUNT**

| 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°

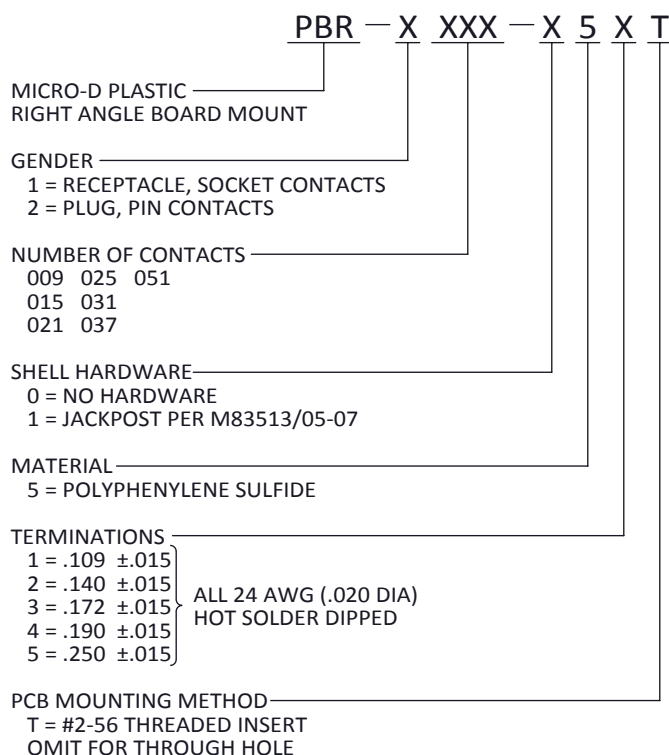
TITLE
**MICRO-D PLASTIC SHELL
RIGHT ANGLE P.C.B. MOUNT**

SHT 1 OF 4

DWG. NO.
PBR

REV
J

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



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°

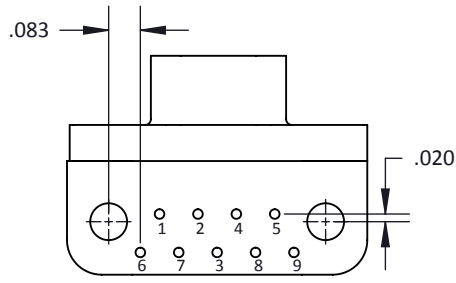
TITLE
**MICRO-D PLASTIC SHELL
RIGHT ANGLE P.C.B. MOUNT**

SHT 2 OF 4

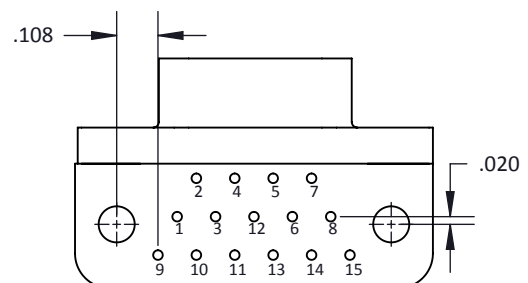
DWG. NO.
PBR

REV
J

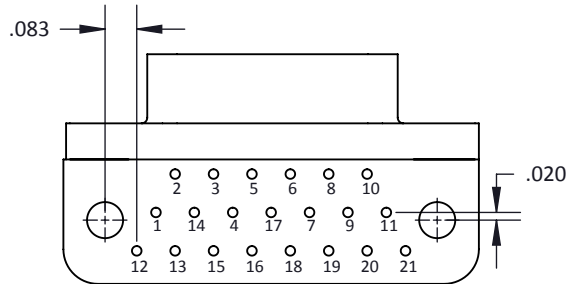
**MICRO-D PLASTIC SHELL
RIGHT ANGLE P.C.B. MOUNT**



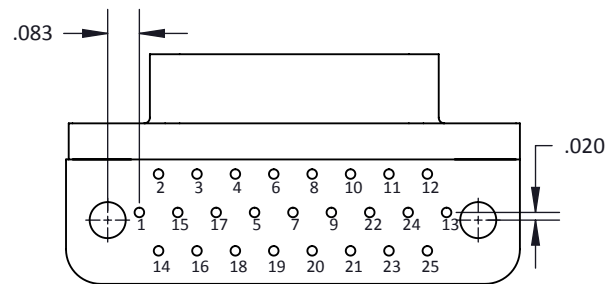
9 CONTACTS



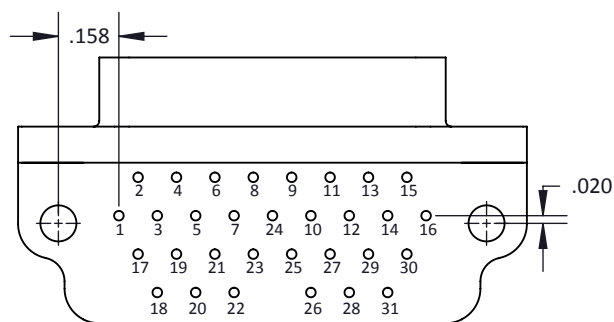
15 CONTACTS



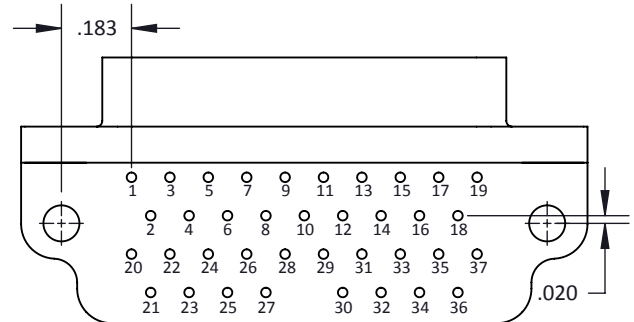
21 CONTACTS



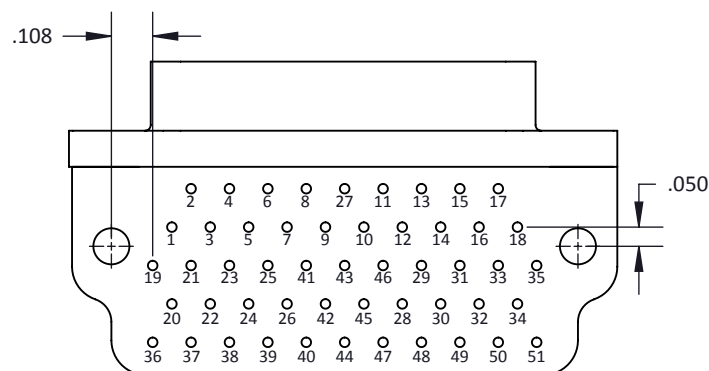
25 CONTACTS



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°

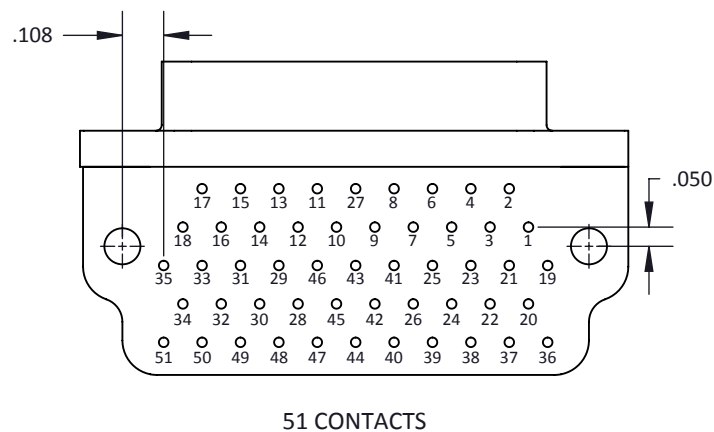
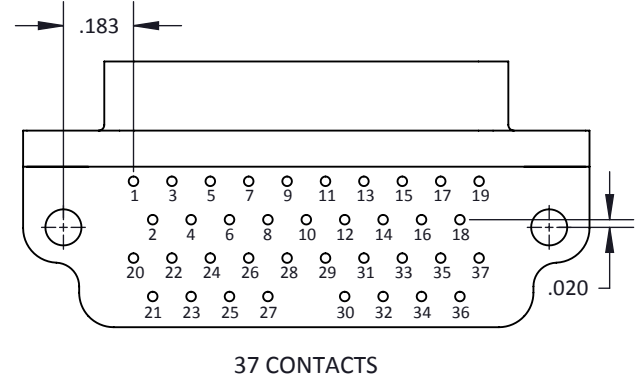
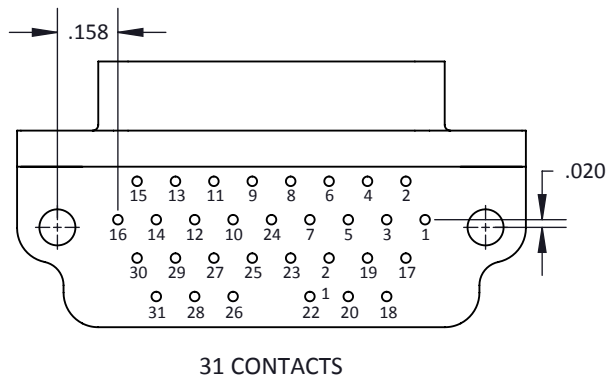
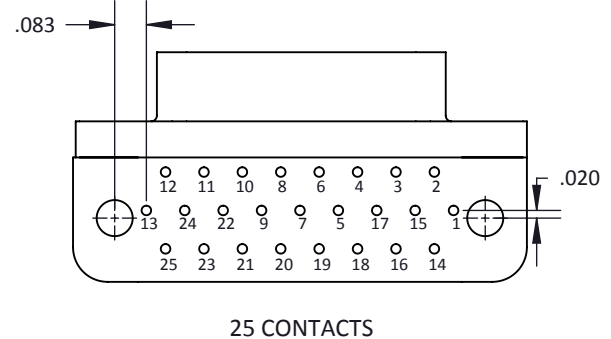
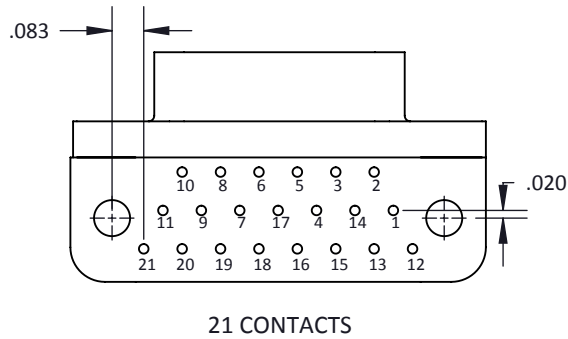
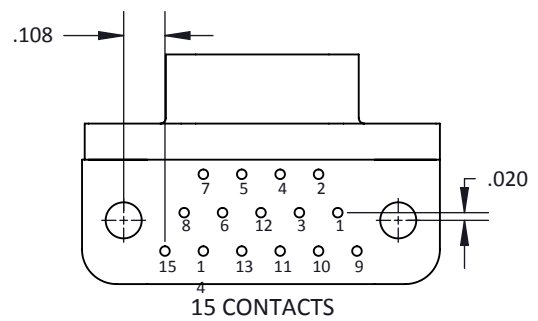
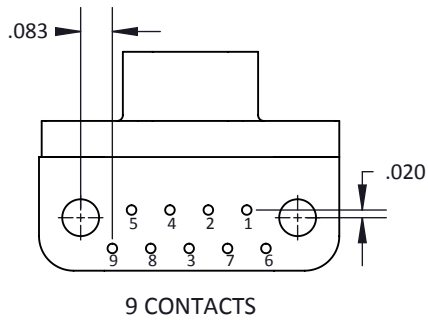
TITLE
**MICRO-D PLASTIC SHELL
RIGHT ANGLE P.C.B. MOUNT**

SHT 3 OF 4

DWG. NO.
PBR

REV
J

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



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
J