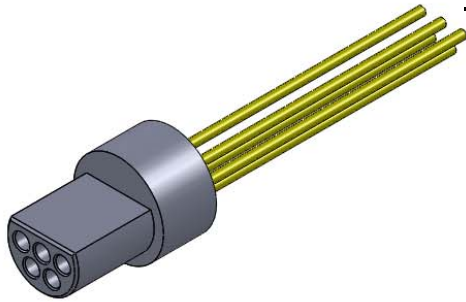
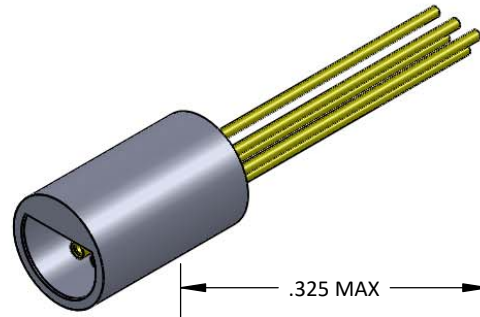
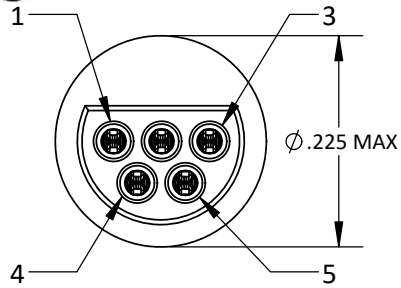


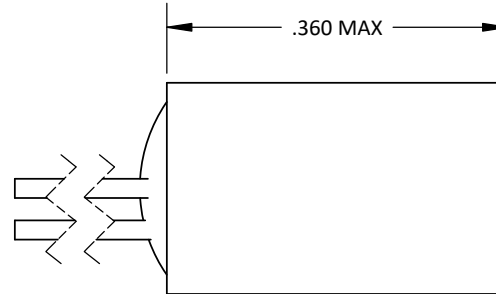
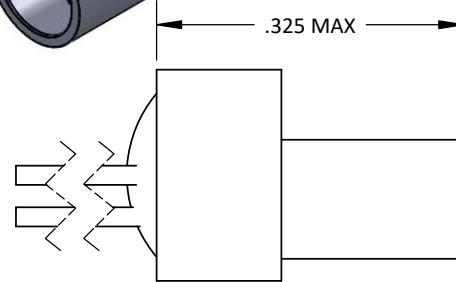
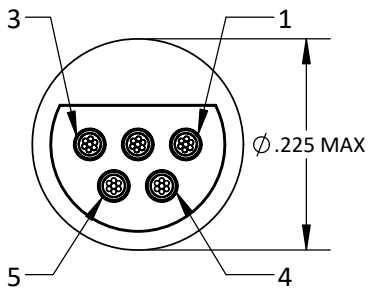
5 PIN



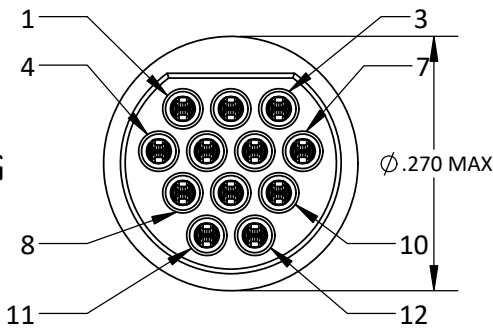
PLUG



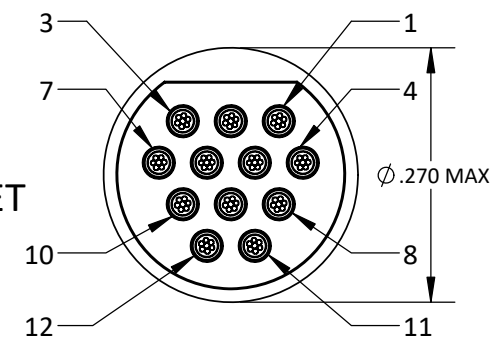
SOCKET



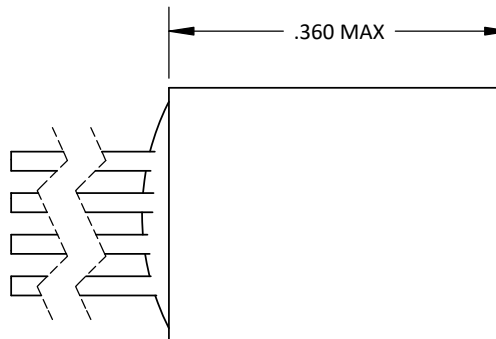
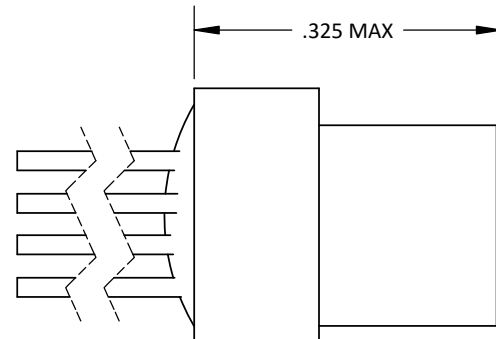
12 PIN



PLUG



SOCKET



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

TITLE CIRCULAR MICROMINIATURE
PLASTIC SHELL

SHT 1 OF 2

DWG. NO.

PMC

REV

C

PMC-XXX X-X X XX

CRISTEK PLASTIC SHELL
 CIRCULAR CONNECTOR

NUMBER OF CONTACTS

005
 012

GENDER

P = PLUG, PIN CONTACTS
 S = RECEPTACLE, SOCKET CONTACTS

TERMINATION

0000 - SOLDER CUP*

WIRE TYPE
 STRANDED

H = HARNESS (NEMA HP3-ETXB)
 M = MILITARY (MIL-W-22759/11)
 S = SPACE (MIL-W-22759/33)

SOLID

G = GOLD PLATED COPPER
 T = TIN PLATED COPPER

WIRE LENGTH

STRANDED (+1.00/-0.00)

01 = 6 INCHES
 02 = 12 INCHES
 03 = 18 INCHES
 04 = 24 INCHES
 05 = 36 INCHES
 06 = 72 INCHES

SOLID COPPER (+0.20/-0.00)

25 AWG
 01 = 0.5 INCH
 02 = 1.0 INCH
 03 = 0.25 INCH
 24 AWG
 11 = 0.5 INCH
 12 = 1.0 INCH
 13 = 0.25 INCH

WIRE COLOR/SIZE

0 = WHITE 26 AWG STRANDED*
 1 = YELLOW 26 AWG STRANDED*
 2 = 10 SOLID COLORS REPEATED*
 26 AWG STRANDED
 3 = FULL COLOR CODE 26 AWG STRANDED
 9 = SOLID COPPER*

* = MOST COMMONLY USED & STOCKED HARDWARE OPTIONS

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

1. MATERIALS:

INSULATOR MATERIAL - POLYPHENYLENE SULFIDE, 40%
 GLASS FILLED
 PIN CONTACT - BERYLLIUM COPPER
 SOCKET CONTACT - COPPER ALLOY

2. FINISH:

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:
 70 mV DROP MAX AT 2.5 AMPS
 LOW LEVEL CONTACT
 28 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.
 FOR OTHER TERMINATIONS, CONTACT CRISTEK.

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

TITLE
 CIRCULAR MICROMINIATURE
 PLASTIC SHELL

SHT 2 OF 2

DWG. NO.

PMC

REV
C