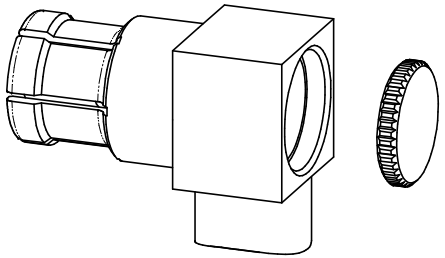
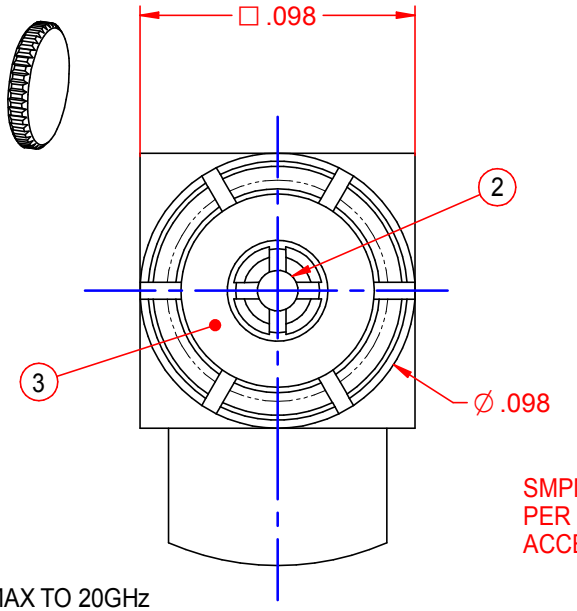
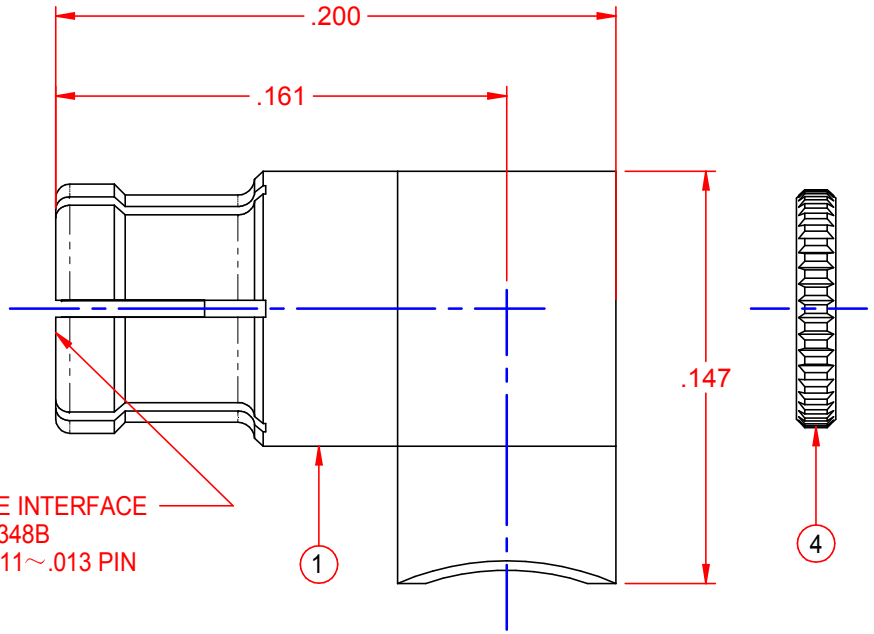
| PART NUMBER | ITEM① BODY | ITEM② CONTACT | ITEM③ INSULATOR | ITEM④ END CAP |
|---|---|---|---|---|
| 125-0692-111 | BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN |

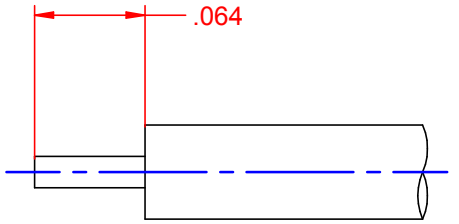
| REV | ECO | DATE |
|---|---|---|
| | | |
| | | |
| 001 | ECO-16-0080 | 2016/06/24 |



8:1




CABLE STRIP DIMENSION

SPECIFICATION:
IMPEDANCE:50 OHMS
FREQUENCY RANGE:0-40GHz
VSWR:1.10 MAX TO 10GHz，1.25 MAX TO 20GHz
INSERTION LOSS:0.12√F dB MAX (F IN GHz)
DIELECTRIC WITHSTANDING VOLTAGE:325 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE:5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX,AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONTACT - INITIAL 2 MILLIOHM MAX,AFTER ENVIRONMENTAL NOT APPLICABLE
RF LEAKAGE:-80 dB TYPICAL AT 3GHz

MECHANICAL:
ENGAGEMENT FORCE:FULL DETENT(FD) 4.5LBS TYPICAL;SMOOTH BORE(SB) 2.5LBS TYPICAL
DISENGAGEMENT FORCE:FD 6.5LBS TYPICAL;SB 1.5LBS TYPICAL
CONTACT RETENTION:1.5LBS MIN AXIAL FORCE
DURABILITY:FD 100CYCLES MIN;SB 500 CYCLES MIN

ENVIRONMENTAL:
OPERATING TEMPERATURE:-65℃ TO 165℃
THERMAL SHOCK: MIL-STD-202，METHOD 107，CONDITION B
MECHANICAL SHOCK:MIL-STD-202，METHOD 213，CONDITION I
CORROSION:MIL-STD-202，METHOD 101
VIBRATION:MIL-STD-202，METHOD 204
MOISTURE RESISTANCE:MIL-STD-202，METHOD 106，EXCEPT STEP 7B.

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009

Model No. 125-0692-111
RoHS2 ☑ 2011/65/EU
Cage Code 14949
3RD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED UNITS: INCH
.XX ±.02
.XXX ±.005
ANGLES ±2°
Drawn by: Eric.Dai
Date: 2016/06/24

**JOHNSON**

Title: SMPM FEMALE RIGHT ANGLE CABLED .047 SEMI-RIGID
Drawing No. 125-0692-111
Rev. 001
Size A
DO NOT SCALE DRAWING
Workmanship Std: /
Sheet 1 of 1

Please read our datasheet & drawing disclaimer here.