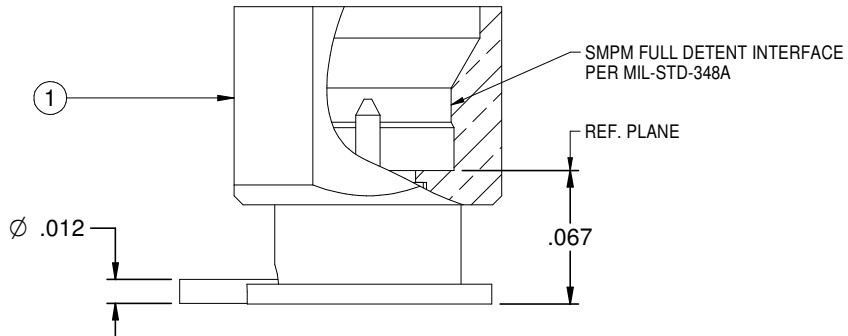
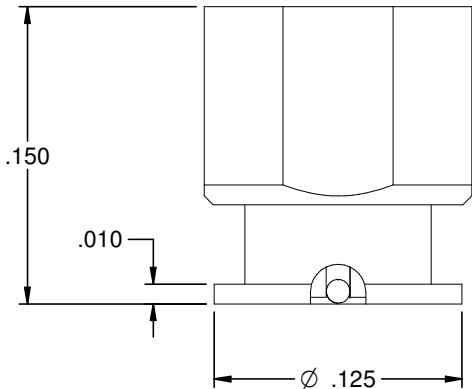
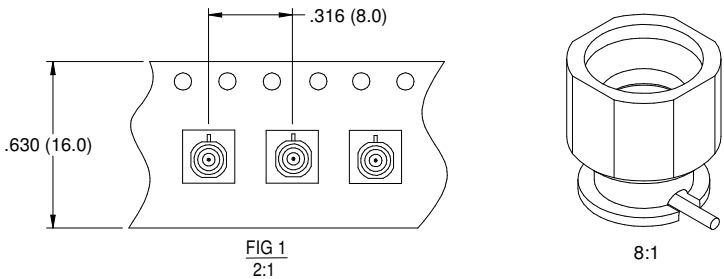


| PART NUMBER  | PACKAGING                          | ITEM ①<br>BODY                                                                         | ITEM ②<br>CONTACT                                                                                 | ITEM ③<br>INSULATOR |
|--------------|------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------|
| 125-0701-211 | BULK PACK<br>5 PCS/BAG             | BRASS<br>GOLD PL .00003 MIN<br>OVER NICKEL PL.00005<br>MIN OVER COPPER<br>PL.00005 MIN | BERYLLIUM COPPER<br>GOLD PL .00005 MIN<br>OVER NICKEL PL.00005<br>MIN OVER COPPER<br>PL.00005 MIN | TEFLON              |
| 125-0701-212 | TAPE AND REEL<br>1000 PCS PER FIG1 |                                                                                        |                                                                                                   |                     |

| REV | ECO         | DATE       |
|-----|-------------|------------|
| 001 | ECO-17-0028 | 2017/09/28 |
| 002 | ECO-17-0031 | 2017/11/6  |
| 003 | ECO-18-0001 | 2018/03/19 |

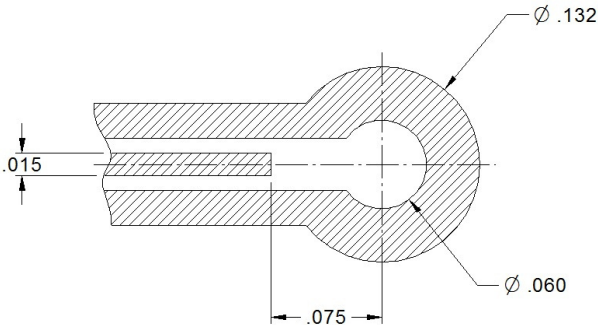
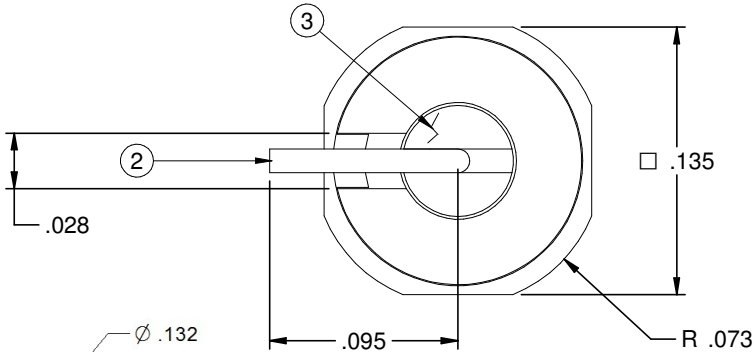


# SPECIFICATION:

- ELECTRICAL:
- IMPEDANCE: 50 OHMS
  - FREQUENCY RANGE: 0-20 GHz
  - VSWR:DEPENDANT ON APPLICATION
  - WORKING VOLTAGE: 325 VRMS MAX AT SEA LEVEL
  - 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 CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
  - RF LEAKAGE: NOT APPLICABLE

- MECHANICAL:
- ENGAGEMENT FORCE: 4.5 LBS TYPICAL
  - DISENGAGEMENT FORCE: 6.5 LBS TYPICAL
  - DURABILITY: 100 CYCLES MIN

- ENVIRONMENTAL:
- OPERATING TEMPERATUR: -65 TO 165°C
  - 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, MEHTOD 106, EXCEPT STEP 7B



RECOMMENDED PCB LAYOUT

|                                                                                                            |  |                                                             |                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|
|                                                                                                            |  | Model No. 125-0701-211/220                                  | <b>JOHNSON</b>                                                                                          |  |
| RoHS2 2011/65/EU<br>UNLESS OTHERWISE SPECIFIED:<br>.XX ±.01<br>.XXX ±.003<br>.XXXX ±.0010<br>ANGLES ±1°00' |  | 3RD ANGLE PROJECTION<br>Drawn By: R.SHEN<br>Date: 5-15-2014 | Title: SMPM MALE FULL DETENT<br>PCB SURFACE MOUNT .150 HEIGHT<br>Drawing No. 125-0701-211/220<br>Rev. 3 |  |
| INTERPRET DRAWING IN ACCORDANCE WITH: ASME Y14.5-2009                                                      |  | Size B<br>DO NOT SCALE DRAWING                              | Worksheet Std: /<br>Sheet 1 of 1                                                                        |  |