PART NUMBER	PACKAGING	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
125-0701-211	BULK PACK 5 PCS/BAG	BRASS GOLD PL .00003 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
125-0701-212	TAPE AND REEL 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

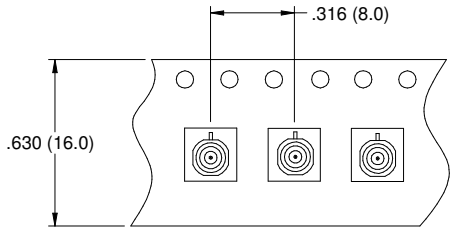
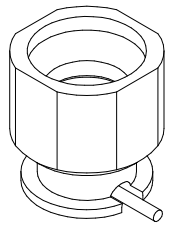
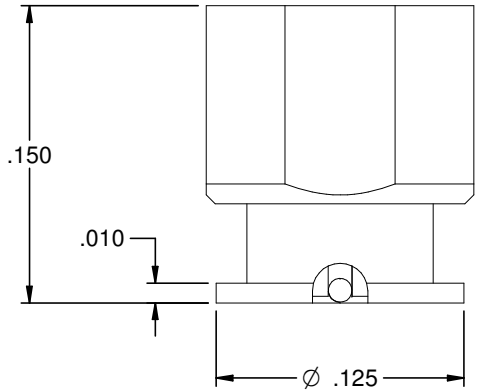
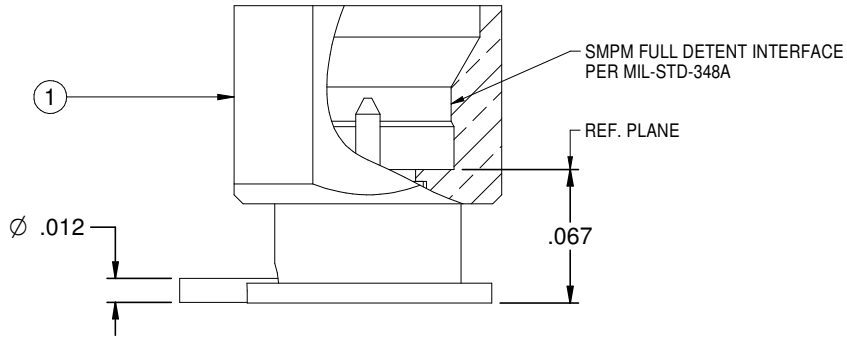


FIG 1
2:1


8:1



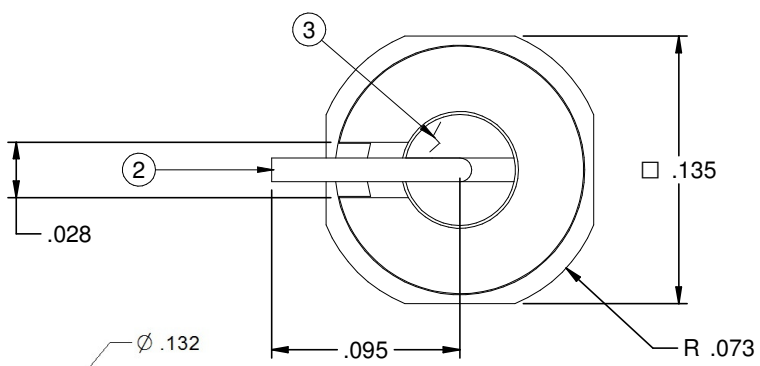


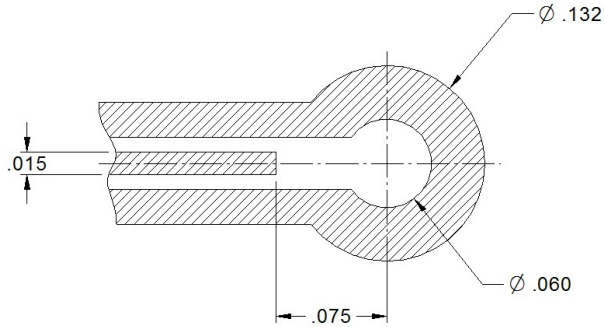
SPECIFICATION:

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℃
- 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

cinch CONNECTIVITY SOLUTIONS

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.

Model No. 125-0701-211/220

RoHS2 ☑ 2011/65/EU

Cage Code

UNLESS OTHERWISE SPECIFIED: UNITS: INCH
.XX ±.01
.XXX ±.003
.XXXX ±.0010
ANGLES ±1°00'

3RD ANGLE PROJECTION

Drawn by: R.SHEN

Date: 5-15-2014

JOHNSON

Title: SMPM MALE FULL DETENT PCB SURFACE MOUNT .150 HEIGHT

Drawing No. 125-0701-211/220

Rev. 3

Size B | DO NOT SCALE DRAWING | Workmanship Std: / | Sheet 1 of 1

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