PART NUMBER	PACKAGING	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ PIN LOCATOR
125-0701-221	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	TORLON 4203	TEFLON
125-0701-222	TAPE AND REEL 1000 PCS PER FIG1				

REV	ECO	DATE
001	ECO-17-0028	2017/09/28
002	ECO-17-0036	2017/12/20
003	ECO-18-0001	2018/1/12

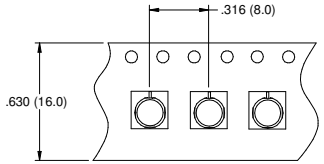
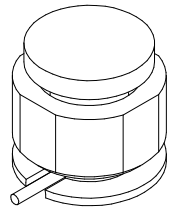
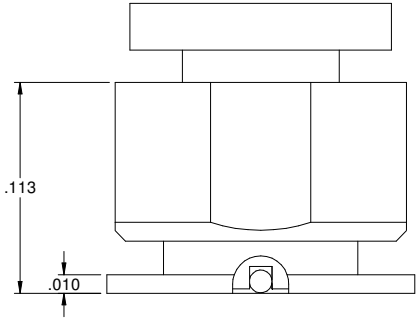
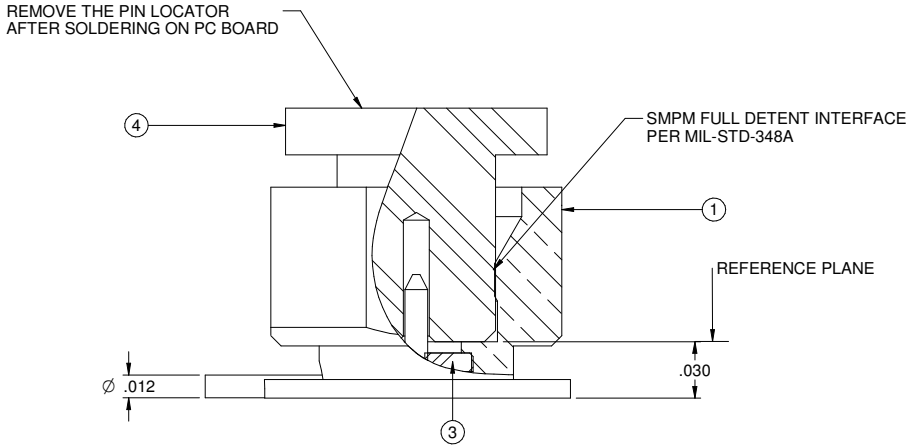


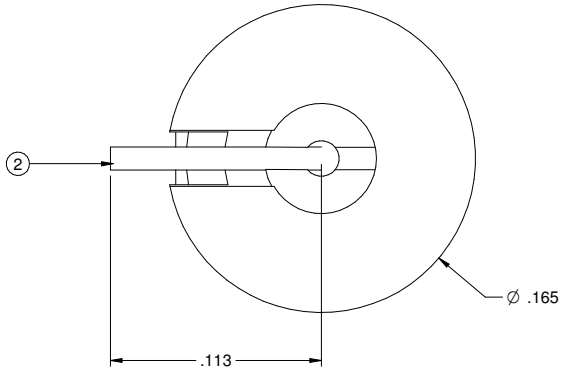
FIG 1
2:1



10:1





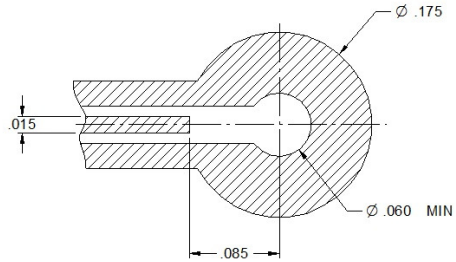


SPECIFICATION:

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	Model No. 125-0701-221/230		JOHNSON
	RoHS2 ☑ 2011/65/EU	Cage Code	Title: SMPM MALE FULL DETENT PCB SURFACE MOUNT .150 HEIGHT
	UNLESS OTHERWISE SPECIFIED DATE: INCH .XX ±.01 .XXX ±.003 .XXXX ±.0010 ANGLES ±1°00'	3RD ANGLE PROJECTION	Drawing No. 125-0701-221/230 Rev. 3
		Drawn by: R.SHEN	
		Date: 5-15-2014	Size C DO NOT SCALE DRAWING Workmanship Std / Sheet 1 of 1

Please read our datasheet & drawing disclaimer here.

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