

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

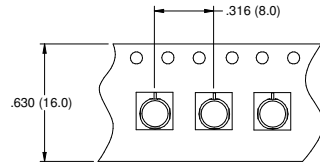
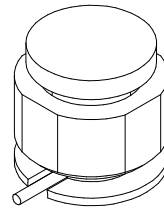
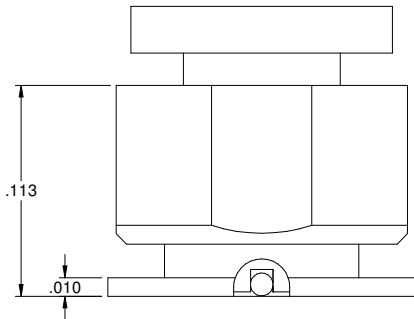


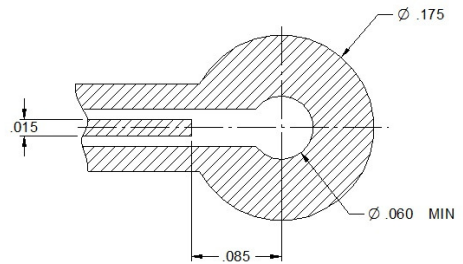
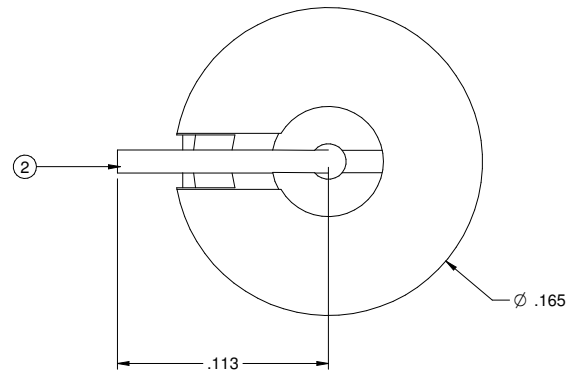
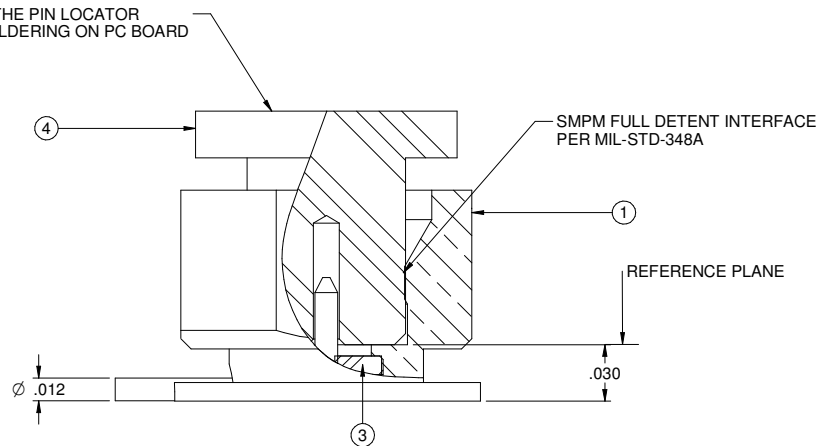
FIG 1
2:1



10:1



REMOVE THE PIN LOCATOR
AFTER SOLDERING ON PC BOARD



RECOMMENDED PCB LAYOUT

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 TEMPERATURE: -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, METHOD 106, EXCEPT STEP 7B

Model No. 125-0701-221/230		Title: SMPM MALE FULL DETENT PCB SURFACE MOUNT .150 HEIGHT	
RoHS2	2011/65/EU	Drawn By: R. SHEN	Rev: 3
XX + 01	XX + 003	Date: 5-15-2014	Sheet 1 of 1
XXXX + 0010	ANGLES +1°0'	Size C	DO NOT SCALE DRAWING