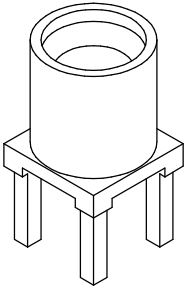
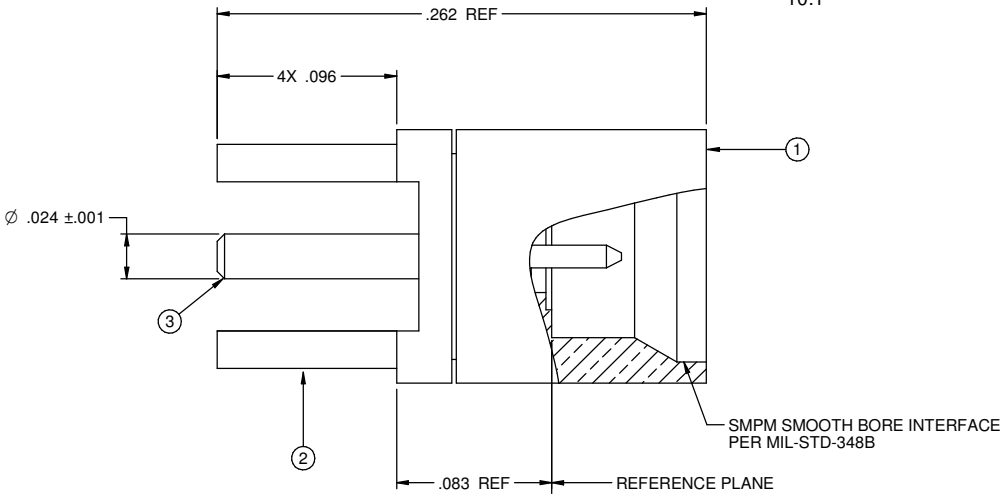
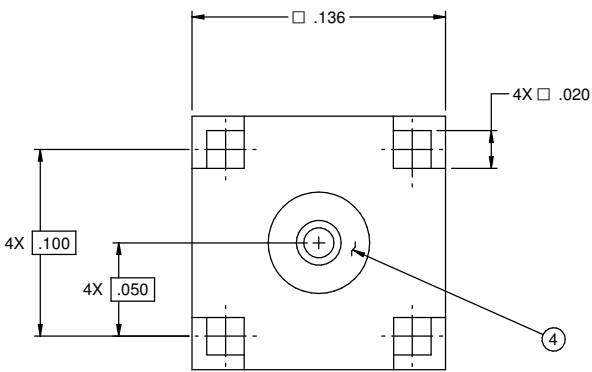


PART NUMBER	ITEM ① BODY	ITEM ② BASE	ITEM ③ CONTACT	ITEM ④ INSULATOR
125-2701-201	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON

DRAWING NO. 125-2701-201				
REVISIONS				
1	RELEASE			
	4-8-2013	R S	R S	L M
				ECO-13-0089



10:1



SPECIFICATION:

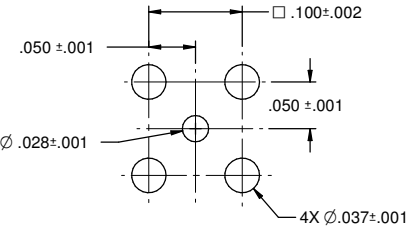
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40 GHz
VSWR: DEPENDANT ON APPLICATION
WORKING VOLTAGE: 325 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE

MECHANICAL:

ENGAGEMENT FORCE: 2.5LBS TYPICAL
DISENGAGEMENT FORCE: 1.5LBS TYPICAL
CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
DURABILITY: 500 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



RECOMMENDED MOUNTING HOLE
10:1

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY R.SHEN		DATE 1-27-2013	
DECIMALS	INCH	CHECKED BY R.SHEN		DATE 1-27-2013	
X.X	±.010	APPROVED BY L.MA		DATE 1-28-2013	
X.XX	±.005				
X.XXX	±.003				
ANGLES	±0.5°	U/M INCH			

THIS DRAWING WAS PRODUCED BY COMPUTER,
DO NOT SCALE DRAWING OR UPDATE MANUALLY.

EMERSON Network Power		Connectivity Solutions	
TITLE SMPM MALE SMOOTH BORE STRAIGHT PC MOUNT			
SHEET 1 OF 1	DRAWING NO. 125-2701-201		SIZE C

THIS DRAWING TO BE INTERPRETED
PER ANSI Y 14.5M - 1994

CUSTOMER COPY