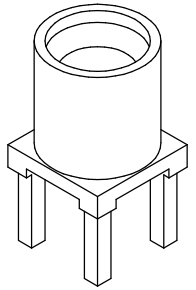
PART NUMBER	ITEM 1 BODY	ITEM 2 BASE	ITEM 3 CONTACT	ITEM 4 INSULATOR
125-2701-201	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN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

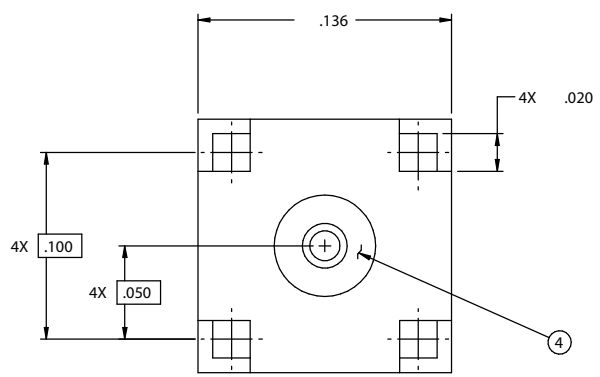
DRAWING NO.
125-2701-201

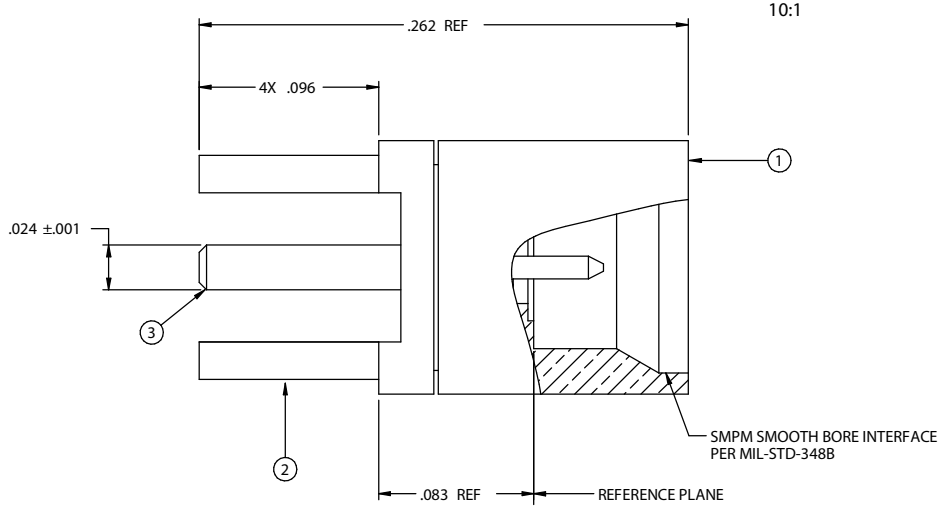
REVISIONS

1	RELEASE							
	4-8-2013	R S	R S	L M				ECO-13-0089



10:1





SPECIFICATION:

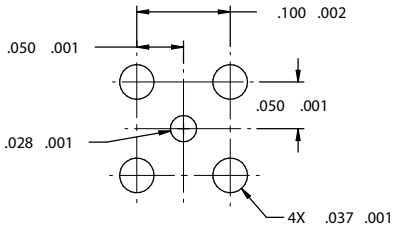
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40 GHz
VSWR:DEPENDANT ON APPLICATION
WORKING VOLTAGE: 325 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MA X, AFTER ENVIRONMENTAL NOT 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 TEMPERATUR: -65 TO 165℃
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDIT ION I
CORROSION: MIL-STD-202, METHOD 101
VIBRATION: MIL-STD-202, METHOD 204
MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106, EXC EPT STEP 7B



RECOMMENDED MOUNTING HOLE
10:1

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

CUSTOMER COPY

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY R.SHEN	DATE 1-27-2013
DECIMALS	INCH	CHECKED BY R.SHEN	DATE 1-27-2013
X.X	±0.010		
X.XX	±0.005	APPROVED BY L.MA	DATE 1-28--2013
X.XXX	±0.003		
ANGLES	±0.5	U/M INCH	

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

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TITLE
SMPM MALE SMOOTH BORE STRAIGHT PC MOUNT

SHEET	DRAWING NO.	SIZE
1 OF 1	125-2701-201	C

Please read our datasheets & drawing disclaimer here.