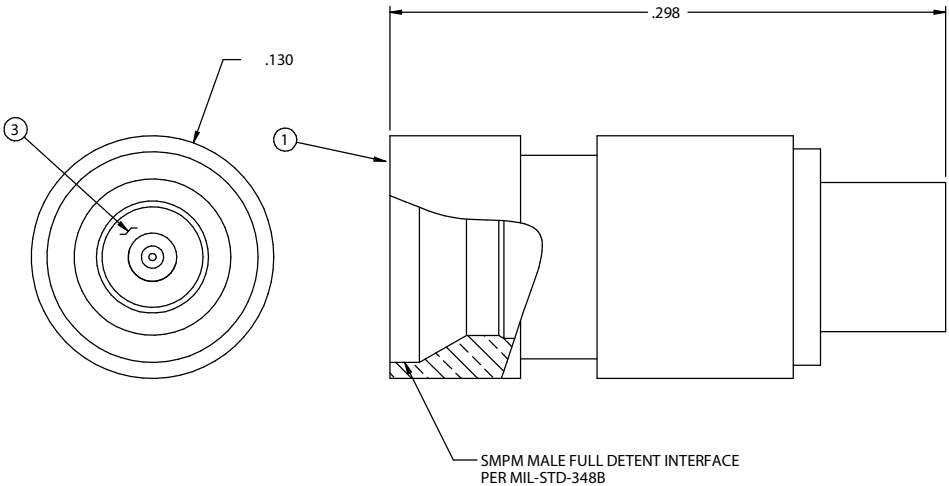


PART NUMBER	ITEM 5 BODY	ITEM 4 CONTACT	ITEM 3 INSULATOR	ITEM 2 CABLE STOP
125-0592-001	BERYLLIUM COPPER GOLD PL. .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL. .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON	TEFLON

DRAWING NO. 125-0592-001				
REVISIONS				
1	RELEASE			
	7-28-2013	R S	L M	ECO-13-0205



SPECIFICATION:

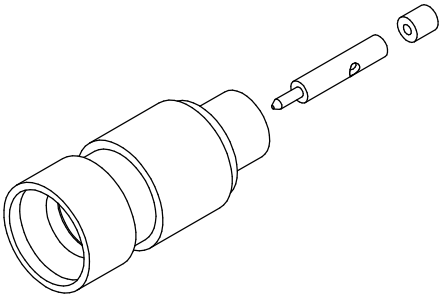
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40GHz
VSWR: 1.15 MAX TO 26.5GHz, 1.30 MAX TO 40GHz
INSERTION LOSS: 0.12 F dB MAX (F IN GHz)
DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
RF LEAKAGE: -80dB TYPICAL AT 3GHz

MECHANICAL:

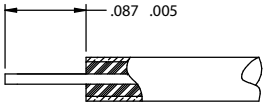
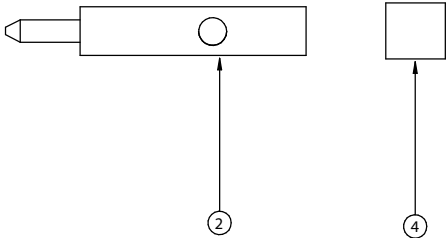
ENGAGEMENT FORCE: 4.5LBS TYPICAL
DISENGAGEMENT FORCE: 6.5LBS TYPICAL
CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
DURABILITY: 100 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATUR: -65 TO 165°C
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



10:1



CABLE STRIP DIMENSION

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	APPROVED BY L.MA		DATE 1-28-2013	
X.XX	±0.005	U/M		INCH	
X.XXX	±0.003				
ANGLES	±0.5				
THIS DRAWING WAS PRODUCED BY COMPUTER, DO NOT SCALE DRAWING OR UPDATE MANUALLY.					



Connectivity
Solutions

TITLE
SMPM MALE FULL DETENT
STRAIGHT CABLED .047 SEMI-RIGID

SHEET
1 OF 1

DRAWING NO.
125-0592-001

SIZE
C