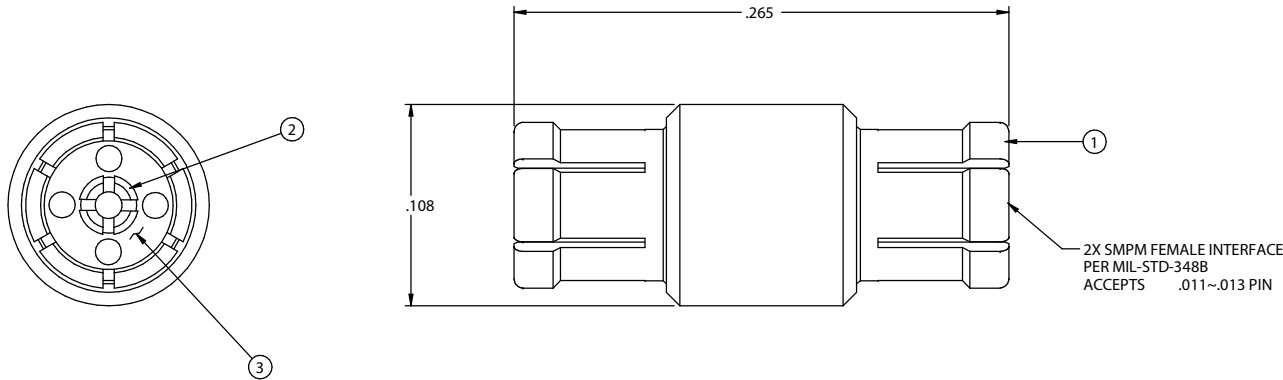
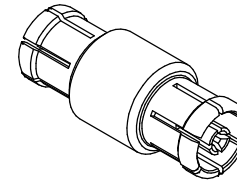


PART NUMBER	ITEM 1 BODY	ITEM 2 CONTACT	ITEM 3 INSULATOR
125-0901-801	BERYLLIUM COPPER GOLD PL. .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL. .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON

DRAWING NO. 125-0901-801	
REVISIONS	
1	RELEASE
11-05-2013	R S L M ECO-13-0286



SPECIFICATION:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-65 GHz
 VSWR: 1.15 MAX TO 18GHz, 1.25 MAX TO 40GHz and 1 .45 MAX TO 65GHz
 INSERTION LOSS: 0.10 F dB MAX (F IN GHz)
 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: -65dB TYPICAL AT 3GHz

MECHANICAL:

ENGAGEMENT FORCE: FULL DETENT(FD) 4.5LBS TYPICAL; SMOOTH BORE(SB) 2.5LBS TYPICAL
 DISENGAGEMENT FORCE: FD 6.5LBS TYPICAL; SB 1.5LB S TYPICAL
 CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
 MISALIGNMENT: RADIAL +/- .010 AXIAL .010 (FLUS H TO .010 FROM THE REFERENCE PLANE)
 DURABILITY: FD 100 CYCLES MIN; SB 500 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

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

CUSTOMER COPY

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY R.SHEN	DATE 9-27-2013
DECIMALS	INCH	CHECKED BY R.SHEN	DATE 9-27-2013
X.X	±0.02	APPROVED BY L.MA	DATE 9-28-2013
X.XX	±0.01	U/M	INCH
X.XXX	±0.005		
ANGLES	±0.5		
THIS DRAWING WAS PRODUCED BY COMPUTER, DO NOT SCALE DRAWING OR UPDATE MANUALLY.			

TITLE SMPM BULLET ADAPTER .265" LENGTH	
SHEET 1 OF 1	DRAWING NO. 125-0901-801
SIZE C	