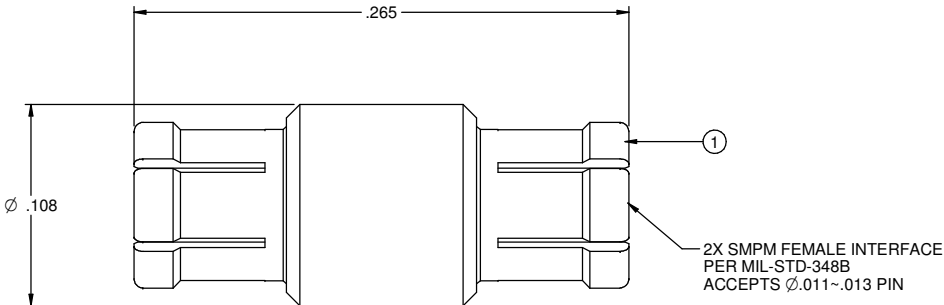
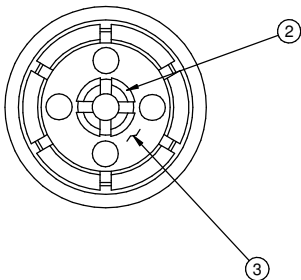
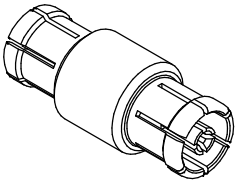


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
125-0901-801	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON

DRAWING NO. 125-0901-801			
REVISIONS			
1	RELEASE		
11-05-2013	R S	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 MAX, 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 1.5LBS TYPICAL
CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
MISALIGNMENT: RADIAL +/- .010 AXIAL .010 (FLUSH 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, CONDITION I
CORROSION: MIL-STD-202, METHOD 101
VIBRATION: MIL-STD-202, METHOD 204
MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106, EXCEPT 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		
X.XXX	±0.005		
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 BULLET ADAPTER .265" LENGTH			
SHEET 1 OF 1	DRAWING NO. 125-0901-801		SIZE C