



PLEASE CHECK

NOTES:

1. SPECIFICATIONS:

- a. IMPEDANCE: 50 OHMS
- b. FREQUENCY RANGE: 0-4 GHz
- c. VSWR: NOT APPLICABLE
- d. WORKING VOLTAGE: 335 VRMS MAX SEA LEVEL
- e. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
- f. INSULATION RESISTANCE: 1000 MEGOHM MIN
- g. CONTACT RESISTANCE:
 - CENTER CONTACT - INITIAL 6 MILLOHM MAX AFTER ENVIRONMENTAL 8 MILLOHM MAX
 - OUTER CONDUCTOR - INITIAL 1 MILLOHM MAX AFTER ENVIRONMENTAL 1.5 MILLOHM MAX
- h. CORONA LEVEL: NOT APPLICABLE
- i. INSERTION LOSS: NOT APPLICABLE
- j. RF LEAKAGE: NOT APPLICABLE
- k. RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

- a. ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX AFTER DURABILITY 14 LBS MAX ENGAGEMENT, 2 LBS MIN DISENGAGEMENT
- b. MATING TORQUE: NOT APPLICABLE
- c. COUPLING PROOF TORQUE: NOT APPLICABLE
- d. COUPLING NUT RETENSION: NOT APPLICABLE
- e. CONTACT RETENSION: 4 LBS MIN AXIAL FORCE
- f. CABLE ACCEPTABILITY: NOT APPLICABLE
- g. CABLE HEX CRIMP SIZE: NOT APPLICABLE
- h. CABLE RETENSION: NOT APPLICABLE
- i. DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

- a. (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL - C - 390121)
- b. THERMAL SHOCK: MIL-STD-202, METHOD 107 CONDITION B
- c. OPERATING TEMPERATURE: -65 DEG C TO A65 DEG C
- d. CORROSION: MIL-STD-202, METHOD 101 CONDITION B
- e. SHOCK: MIL-STD-202, METHOD 213, CONDITION B
- f. VIBRATION: MIL-STD-202, METHOD 204, CONDITION B

NO.	DESCRIPTION	MAT'L	QTY	
7	NUT	BRASS	1	GOLD PL 10u" OVER NICKEL PL 50u" OVER COPPER PL 50u"
6	WASHER	BRASS	1	GOLD PL 10u" OVER NICKEL PL 50u" OVER COPPER PL 50u"
5	PIN	BRASS	1	GOLD PL 30u" OVER NICKEL PL 50u" OVER COPPER PL 50u"
4	FRONT BODY	BRASS	1	GOLD PL 10u" OVER NICKEL PL 50u" OVER COPPER PL 50u"
3	BODY	BRASS	1	GOLD PL 10u" OVER NICKEL PL 50u" OVER COPPER PL 50u"
2	INSULATION	TEFLON	1	
1	INSULATION	TEFLON	1	

TOLERANCE		GENESIS TECHNOLOGY, INC. 2015 GRANT STREET S.E. ATLANTA, GA 30316 a Genesis Electro-Mechanical Company		TITLE: R/A SMB CONNECTOR			
LINEAR	ANGLES			PART NO.	SMB-435G		
X ±	X° ±			DWG NO.	GTI08 - 30259		
.X ± 0.2	.X° ±	APPD:	MAT'L:	UNITS	SCALE	SHEET	REV
.XX ± 0.1	.XX° ±	CHKD:	FINISH:	MM	NONE	1 OF 1	A
.XXX ±	.XXX° ±	DRWN:	QTY:				

ISSUED	FOX	8/1/08
ECN NO.	NAME	DATE