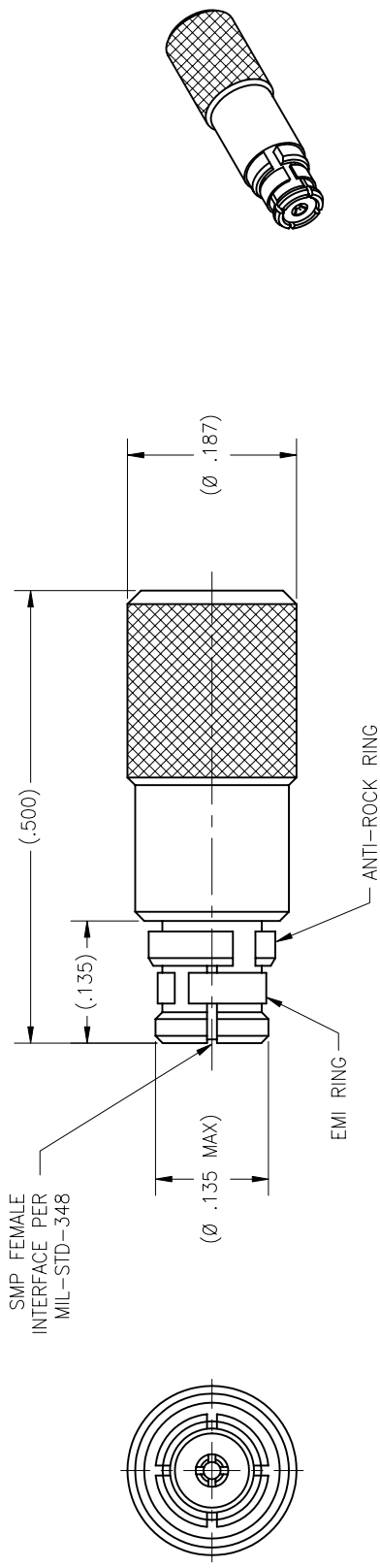


P/N	REVISIONS				
	ZONE	REV	DESCRIPTION	DATE	BY
	—	G	ECO 12055	08.02.00	DKN
	—	H	ECO 19689	10.20.06	SLM
	—	J	ECO 19918	01.24.07	DKN



DRAWING NO. P918
REV. J

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, EMI Ring & Anti-Rock Ring: BeCu alloy per ASTM B-196. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Insert: Brass alloy C360 per ASTM B-16. Epoxy: Sigma VF Type HV.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.35:1 max to 18GHz Power Handling: 20dBm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Depend on Detent Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: Depend on Detent Permeability: Less than 2.0 mu.	Temperature Range: -65°C to +125°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES
Body, Insert, Contact, EMI Ring & Anti-Rock Ring: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD NA PROD INST NA ASSY INST NA	DIMENSIONS EXCEPT AS NOTED LINEAR .XX ±.015 IN ANGULAR ± 1/2° FRACTION 1/32 1. MACHINE FINISH 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .0005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE DIMENSIONS UNLESS OTHERWISE SPECIFIED. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .0005 MAX. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. DIMENSIONS AFTER PLATING. 8. DIMENSIONS TO BE MET AFTER PLATING. 9. REMOVE FRAMED EDGES ON TELON. 10. REMOVE ALL BURRS.

Tensolite	SIZE	SPECIFICATION	PROCUREMENT
TITLE	SIZE	SUB-DIRECTORY/NAME	SHEET
SMP FEMALE STRAIGHT TO 50 OHM LOAD TERMINATION	10/1	0LPXXX 0LP918	1 OF 1
SCALE	DATE	DRAWING NO.	REV.
10/1	01.30.07	C 30990	J