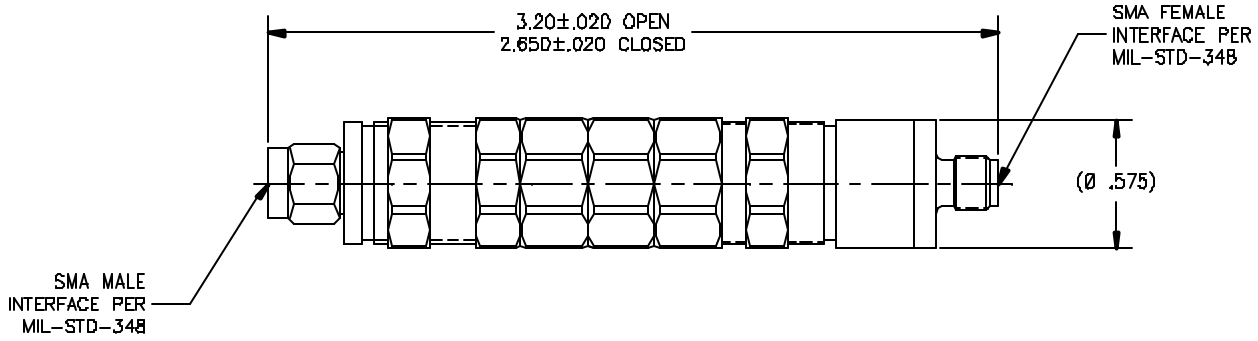
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
–	A	ECO 13312	05.10.01	ATV
–	B	ECO 21449	7.18.08	DKN



MATERIAL(S):

Housing & Adjuting Coupling Nut:
303 sst per ASTM A-582.
SMA Connectors:
Body & Coupling Nut:
303 sst per ASTM A-582.
Center Conductor & Retaining Ring:
BeCu alloy per ASTM B-196.
Dielectric:
PTFE per ASTM D-1710.
Gasket:
Silicone Rubber A-A-59588.

ELECTRICAL(S):

Impedance: 50 Ohms nominal.
Frequency Range: DC to 26 GHz.
VSWR: 1.30:1 Max to 26 GHz.
Insertion Loss: $.07\sqrt{f(GHz)}$ dB max
R.F. Leakage: -80dB max

MECHANICAL(S):

Mating Characteristics:
Interface per Mil-Std-348.
Phase Shift: 510° min.

ENVIRONMENTAL(S):

Temperature Range: -65°C to +165°C.
Thermal Shock:
Mil-Std-202, Method 107, Test Cond. B.
Moisture Resistance:
Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity.
Corrosion:
Mil-Std-202, Method 101, Test Cond. B.

FINISH(ES):

Housing
Gold plate per ASTM B-488, over nickel underplate per AMS-QQ-N-290.
Coupling Nut:
Hard Chrome per QQ-C-320B, class 2C, .000030 thick max.
SMA Connectors:
Bodies & Coupling Nut:
Passivate per ASTM A-967.
Center Conductor:
Gold plate per ASTM B-488, over nickel underplate per AMS-QQ-N-290.

APPLICABLE TENSOLITE DOCUMENTS

WORK STD	PROD INST	ASSY INST

NOTICE

TOLERANCES AND NOTES
EXCEPT AS NOTED
DIMENSIONS ARE IN INCHES.
LINEAR .XX ±.01 .XXX ±.005 ANGULAR ± 1/2°
FRACTION ± 1/32
1. MACHINE FINISH: 63 RMS
2. BREAK ALL SHARP EDGES .005 MAX.
3. MACHINED FILLETS .015 MAX.
4. MACHINED SURFACE SHALL BE TO REPRESENTIVE AND WITHIN .005 INCHES PER INCH.
5. MACHINED DIAMETERS CONCENTRIC WITHIN .005 T.I.R.
6. DIMENSIONS TO BE MET BEFORE PLATING.
7. CHAMFER ALL THREADS 45°.
8. THREADS PER H-2B
9. REMOVE PLATING BUBBLES OR NODULES.
10. REMOVE ALL BURRS.

MATERIAL	–	–	–	–
	SIZE	SPECIFICATION		ASSEMBLY

APPROVAL	INITIALS	DATE
DRAWN BY	ATV	03.22.88
CHECKED BY		
TEST ENGR		
QUALITY		
DESIGN ENGR	HT	08.22.08
MFG ENGR		

Tensolite
HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS
Long Beach, California 90815

TITLE: PHASE ADJUSTABLE ADAPTER
SMA FEMALE TO SMA MALE (26GHz)

SCALE	SIZE	DRAWING NO.	REV.
NONE	C	5018CCSF	B

SHEET 1 OF 1

ENG-DWG REV. B