REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
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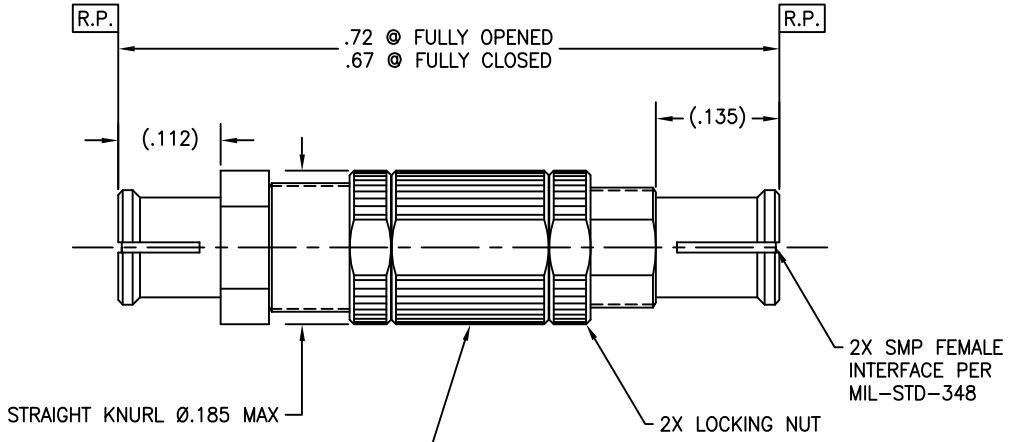
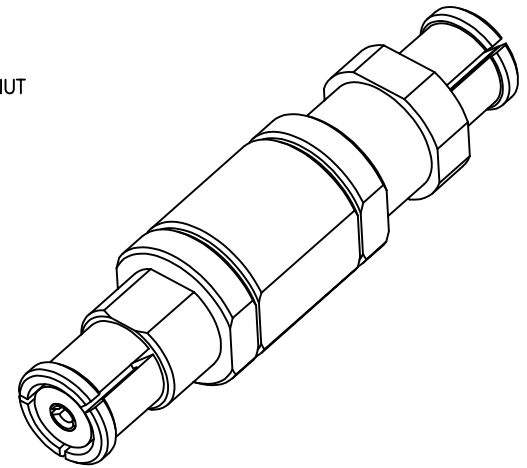


DRAWING NO.	REV.
P951	–



NOTE(S):

1. MATERIAL(S):
   1.1 BODY & CONTACT: BeCu ALLOY PER ASTM B–196.
   1.2 ADJUSTABLE and LOCKING NUTS: SST 303 PER ASTM A–582.
   1.3 INSULATOR: TEFLON PER ASTM D–1710.

2. FINISH(ES):
   2.1 BODY AND CONTACT: GOLD PLATE PER ASTM B–488 OVER NICKEL PLATE PER QQ–N–290.
   2.2 ADJUSTABLE & LOCKING NUTS: HARD CHROME PER QQ–C–320.
   2.3 INSULATOR: NONE

3. ELECTRICAL PERFORMANCE(S):
   3.1 IMPEDANCE: 50 OHMS OHMS NOMINAL.
   3.2 FREQUENCY RANGE: DC TO 22 GHz.
   3.3 VSWR: 1.3:1 MAX OVER FREQUENCY RANGE SPECIFIED.
   3.4 INSERTION LOSS: 0.30 dB MAX.
   3.5 PHASE CHANGE: 90 DEGREE MIN AT 22 GHz.

APPLICABLE TENSOLITE DOCUMENTS		
WORK STD	PROD INST	ASSY INST
NA	NA	NA

NOTICE

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TOLERANCES AND NOTES EXCEPT AS NOTED

DIMENSIONS ARE IN INCHES.
LINEAR .XX ±.015 .XXX ±.005 ANGULAR ± 1/2°
FRACTION ± 1/32

1. MACHINE FINISH: 63/ RMS
2. BREAK ALL SHARP EDGES .003 MAX.
3. MACHINED FILLETS .005 MAX.
4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.
6. DIMENSIONS TO BE MET BEFORE PLATING.
7. CHAMFER ALL THREADS 45°.
8. THREADS PER H–28
9. REMOVE FRAYED EDGES ON TEFLON.
10. REMOVE ALL BURRS.

SEE NOTE(S)	–	SEE NOTE(S)	–
MATERIAL	SIZE	SPECIFICATION	PROCUREMENT

NEXT ASSY

APPROVAL INITIALS		DATE
DRAWN BY	DKN	07.15.04
CHECKED		
QUALITY		
ENGINEERING		

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

TITLE: SMP FEMALE TO SMP FEMALE PHASE ADJUSTER

SCALE	SUB-DIRECTORY\FILENAME	SHEET	OF
10:1	_OL\	1	1

SIZE	CAGE CODE	DRAWING NO.	REV.
C	30990	P951	–

ENG–DWG REV. A