P/N	APPLICABLE NOTE(S)	Ø A	CABLE TYPE	FIG.
-1CC	1,2,3	.049 MIN	.047 SEMI-RIGID	1
-2CC	1,2,3	.088 MIN	.085 SEMI-RIGID	1
-3CC	1,2,3	.049 MIN	.047 MICROPOROUS	1
-4CC	1,2,3	.088 MIN	.085 MICROPOROUS	1
-5CC	1,2,3	.049 MIN	.047 SEMI-RIGID	2
-6CC	1,2,3	.088 MIN	.085 SEMI-RIGID	2
-7CC	1,2,3	.049 MIN	.047 MICROPOROUS	2
-8CC	1,2,3	.088 MIN	.085 MICROPOROUS	2

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	C	ECO 11789	05/25/00	IMG
-	D	ECO 12096	08/14/00	IMG
-	E	ECO 12733	07/18/01	AGS

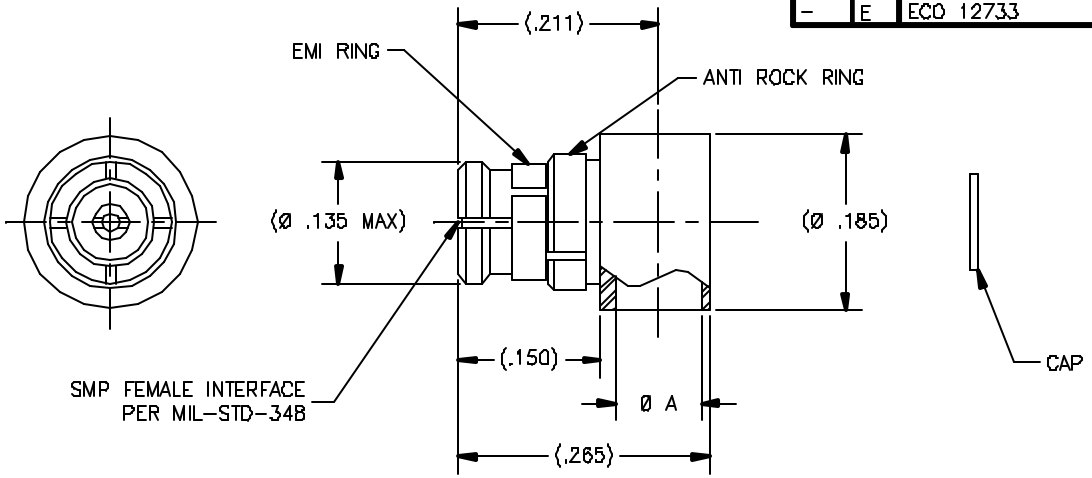

FIG. 1

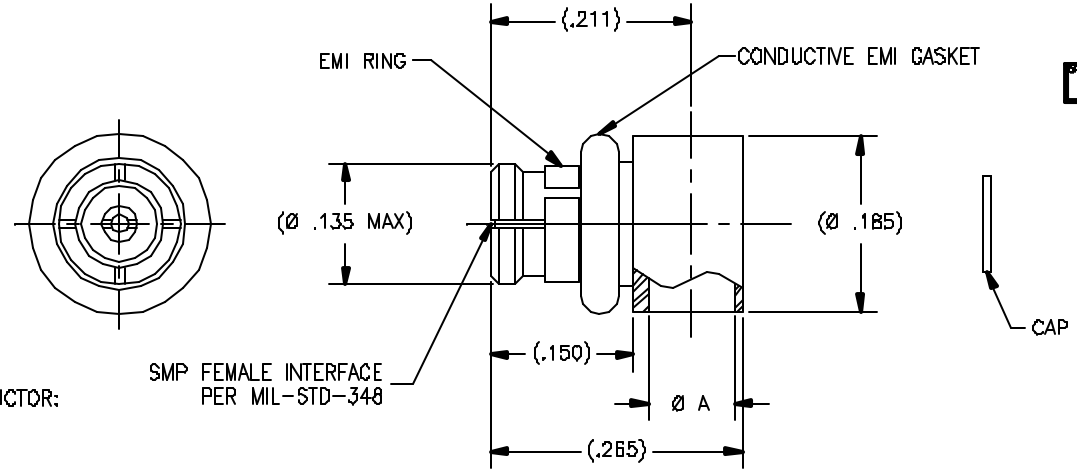

FIG. 2

DRAWING NO.	REV.
P652	E

NOTE(S):

1. MATERIAL(S):
   - 1.1 BODY, ANTI-ROCK RING, EMI RING, CENTER CONDUCTOR: BeCU ALLOY PER ASTM B-196
   - 1.2 INSULATOR: TEFLON PER ASTM D-1710
   - 1.3 EMI GASKET: SILICONE PER MIL-G-83528
2. FINISH(ES):
   - 2.1 BODY, ANTI-ROCK RING, EMI RING, CENTER CONDUCTOR: GOLD PLATED PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-QQ-N-290.
   - 2.2 INSULATOR AND EMI GASKET: NONE
3. ELECTRICAL PERFORMANCE:
   - 3.1 FREQUENCY RANGE: DC-12 GHz
   - 3.2 R.F. INSERTION LOSS: 0.1dB Max to 12 GHz
   - 3.3 VSWR: 1.25:1 Max to 12 GHz
4. ASSEMBLY INSTRUCTIONS PER DRAWING NUMBERS AI-291 & AI-301.

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 ±.010 .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 .001 T.I.R.
6. DIMENSIONS TO BE MET BEFORE PLATING.
7. CHAM FOR ALL THREADS 45°.
8. THREADS PER H-28.
9. REMOVE FRAYED EDGES ON TEFLON.
10. REMOVE ALL BURRS.

-		-	-	-
MATERIAL		SIZE	SPECIFICATION	PROCUREMENT
NEXT ASSY		Tensolite	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
APPROVAL INITIALS	DATE			
DRAWN BY BRD	11/10/93	TITLE SMP FEMALE MITER RIGHT ANGLE TO S/R & MICROPOROUS CABLES (12GHz)		
CHECKED		SCALE 10/1	SUB-DIRECTORY/FILENAME _OLPX\OLP652	SHEET 1 OF 1
QUALITY				
ENGINEERING ATV	07.24.01	SIZE C	CAGE CODE 30990	DRAWING NO. P652 REV. E