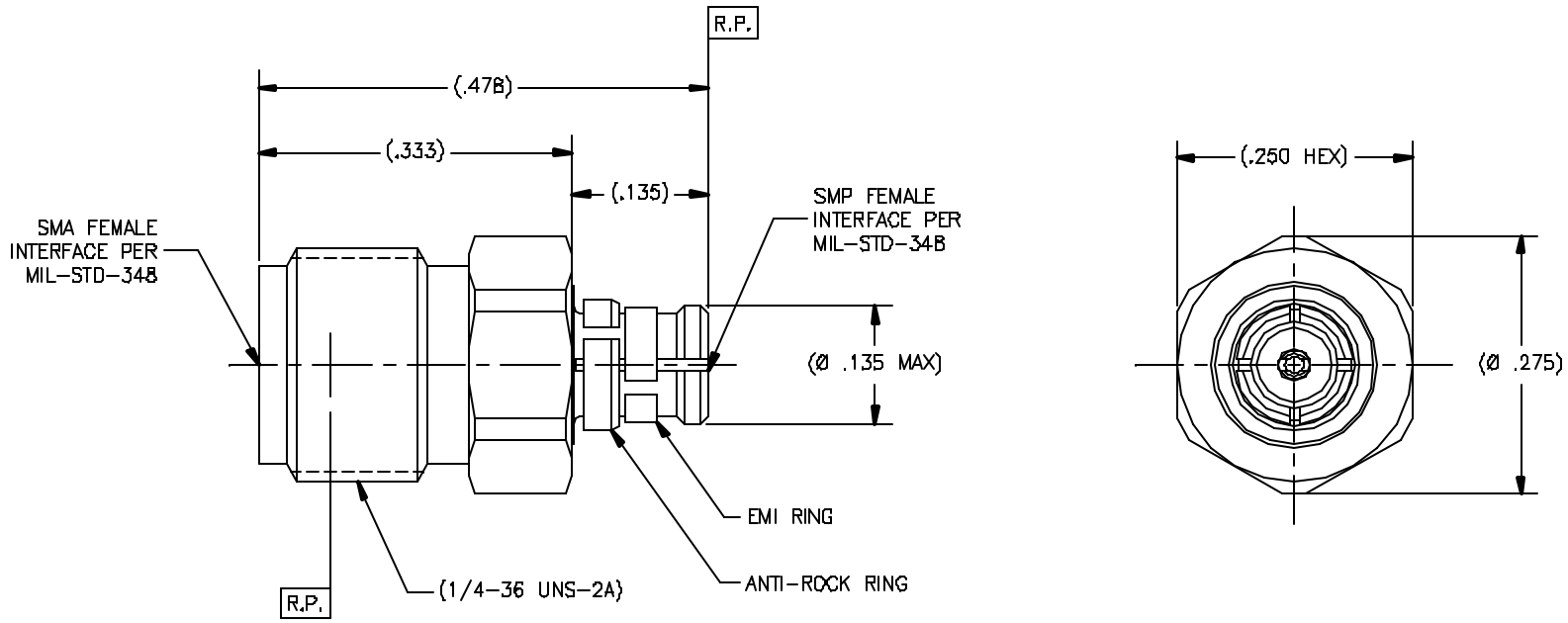
P/N	APPLICABLE NOTE(S)
BASIC	1,2,3
-1CCSF	1,2,3

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
–	D	ECO 12056	08.02.00	DKN
–	E	ECO 12527	11.15.00	ATV
–	F	ECO 15421	03.20.03	ACS



DRAWING NO. P911 REV. F

NOTE(S):

1. MATERIAL(S):
   1.1 BODY, CENTER CONDUCTOR, EMI AND ANTI-ROCK RINGS: BeCu ALLOY PER ASTM B-196 OR B-197.
   1.2 BODY (SMA): 303 SST PER ASTM A-582.
   1.3 INSULATOR: TEFLON PER ASTM D-1710.
2. FINISH(ES):
   2.1 BODY (SMA): PASSIVATE PER ASTM A-967.
   2.2 BODY (SMP), CENTER CONDUCTOR, EMI AND ANTI-ROCK RINGS: GOLD PLATE PER ASTM B-488 OVER NICKEL UNDERPLATE PER QQ-N-290.
   2.3 INSULATOR: NONE.
3. ELECTRICAL PERFORMANCE(S):
   3.1 FREQUENCY RANGE: DC-18.0 GHz.
   3.2 R.F. INSERTION LOSS: 0.25dB Max to 18.0 GHz.
   3.3 VSWR: 1.15:1 Max to 18.0 GHz.

NOTICE
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TOLERANCES AND NOTES EXCEPT AS NOTED
DIMENSIONS ARE IN INCHES
LINEAR .XX ± .XXX ± 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. CHAM PER 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	BRD	02/29/96
CHECKED		
QUALITY		
ENGINEERING	TH	04/01/03

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

TITLE SMP FEMALE TO SMA FEMALE STRAIGHT ADAPTER

SCALE 10:1 SUB-DIRECTORY/FILENAME _OLPXX\OLP911 SHEET 1 OF 1

SIZE C CAGE CODE 30990 DRAWING NO. P911 REV. F