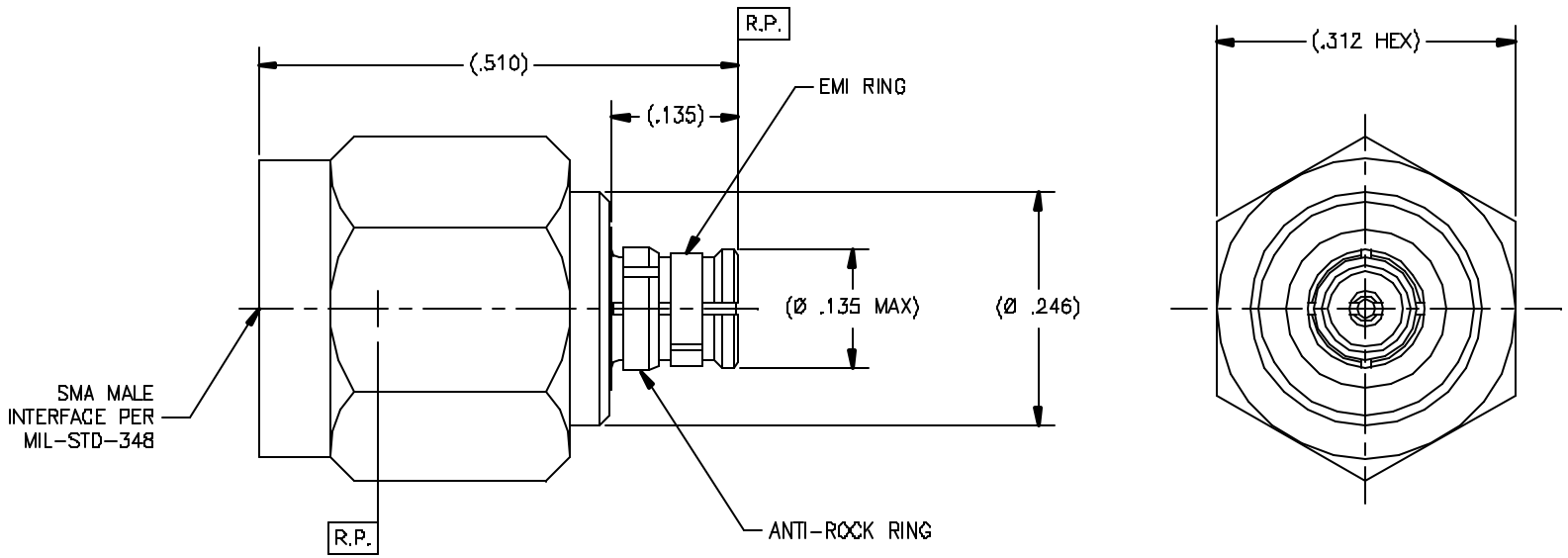
P/N	APPLICABLE NOTE(S)
BASIC	1,2,3
-1CCSF	1,2,3

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
–	D	ECO 12563	11/16/00	IMG
–	E	ECO 12851	01.19.01	AGS
–	F	ECO 15423	03.21.03	DKN



DRAWING NO.	REV.
P907	F

NOTE(S):

1. MATERIAL(S):
   1.1 BODY (SMP), CONTACT, EMI, ANTI-ROCK RING & RETAINING RING: BeCu ALLOY PER ASTM B-196 OR B-197.
   1.2 BODY (SMA) & COUPLING NUT: 303 SST PER ASTM A-582.
   1.3 INSULATOR: PTFE PER ASTM D-1710 AND ASTM D-1457.
2. FINISH(ES):
   2.1 BODY (SMA) & COUPLING NUT:
   (FOR -CCSF): PASSIVATED PER ASTM A-967.
   (FOR BASIC): GOLD PLATE PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-QQ-N-290.
   2.2 BODY (SMP), CONTACT, EMI & ANTI-ROCK RING: GOLD PLATED PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-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 ±.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 PER ALL TAPERS 45°.
8. THREADS PER H-28.
9. REMOVE FRAYED EDGES ON TEFLON.
10. REMOVE ALL BURRS.

SEE NOTES		–	SEE NOTES	–
MATERIAL		SIZE	SPECIFICATION	PROCUREMENT
NEXT ASSY		Tensolite	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
APPROVAL	INITIALS	DATE	TITLE	SMP FEMALE TO SMA MALE STRAIGHT ADAPTER
DRAWN BY	BRD	02/19/96		
CHECKED			SCALE 10/1	SUB-DIRECTORY/FILENAME _OLPXX\OLP907 SHEET 1 OF 1
QUALITY				
ENGINEERING	TH	04/04/03	SIZE C	CAGE CODE 30990 DRAWING NO. P907 REV. F