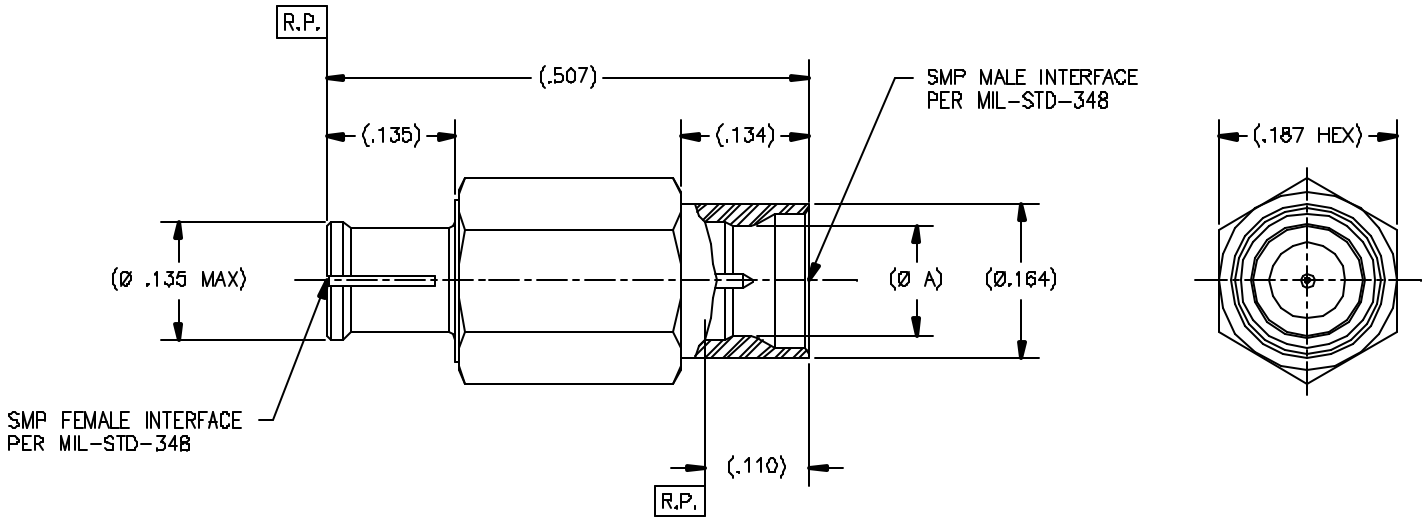
P/N	APPLICABLE NOTE(S)	INTERFACE(S)	(Ø A)
-1CC	1,2,3	FULL DETENT	.116
-2CC	1,2,3	LIMITED DETENT	.120
-3CC	1,2,3	SMOOTH BORE	.125

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
–	B	ECO 11883	05/23/00	IMG
–	C	ECO 12054	08.02.00	DKN
–	D	ECO 18759	09/27/05	RC



DRAWING NO. P914 REV. D

NOTE(S):

1. MATERIAL(S):
   1.1 BODY (SMP MALE): 303 SST PER ASTM A-582.
   1.2 BODY (SMP FEMALE) & CONTACT: BeCu ALLOY PER ASTM B-196 OR B-197.
   1.3 INSULATOR: PTFE PER ASTM D-1710.

2. FINISH(ES):
   2.1 BODY (SMP MALE): PASSIVATE PER ASTM A-967.
   2.2 BODY (SMP FEMALE) & CONTACT: GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290.
   2.3 INSULATOR: NONE

3. ELECTRICAL PERFORMANCE(S):
   3.1 FREQUENCY RANGE: DC-18GHz.
   3.2 VSWR: 1.15 : 1 Max to 18GHz.
   3.3 R.F. INSERTION LOSS: 0.3dB Max to 18GHz.

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 ± 1/64
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 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	RDH	02/18/97
CHECKED		
QUALITY		
ENGINEERING	DNG	10.05.05

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

TITLE SMP MALE TO SMP FEMALE STRAIGHT ADAPTER

SCALE 10/1 SUB-ASSEMBLY NO./NAME OLPXX/OLP914 SHEET 1 OF 1

SIZE C CAGE CODE 30990 DRAWING NO. P914 REV. D