P/N	APPLICABLE NOTE(S)	(Ø A)	B	INTERFACE	FIGURE(S)
-1CC	1,2,4	.085	.050	DETENT	1
-2CC	1,2,4	.088	.050	NON-DETENT	1
-3CC	1,2,4	.085	NR	DETENT	2
-4CC	1,2,4	.088	NR	NON-DETENT	2

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
–	B	ECO 12335	10.05.00	ATV
–	C	ECO 13228	04.26.01	ATV
–	D	ECO 17928 (Add -3CC & -4CC)	02.09.05	DKN

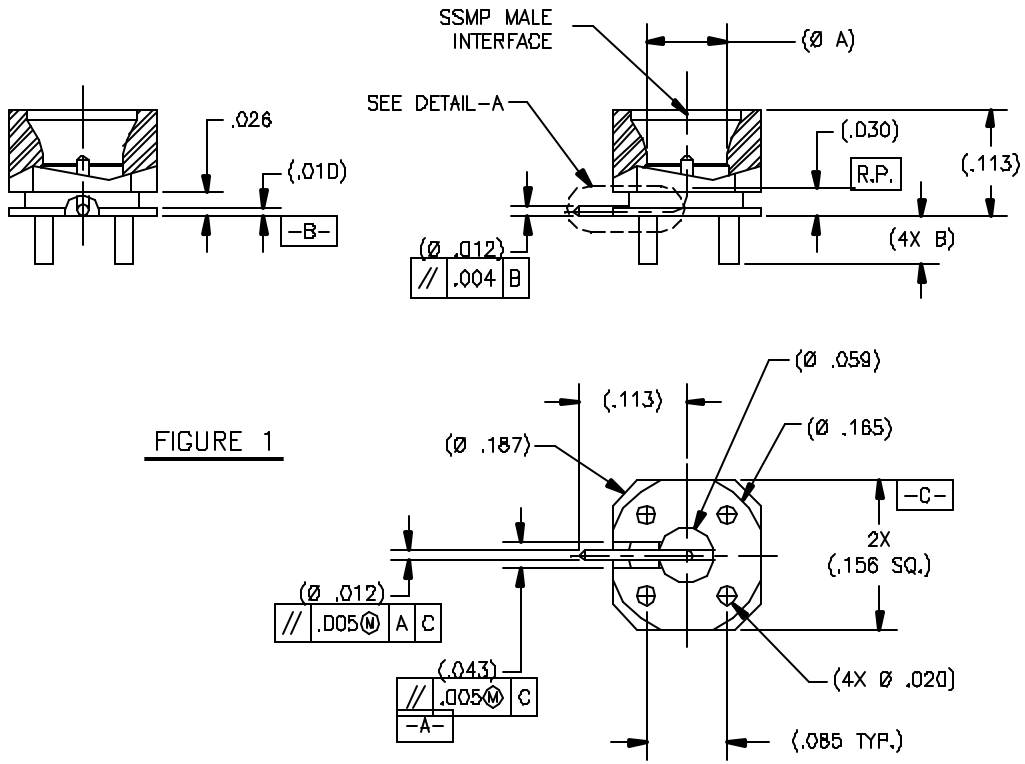
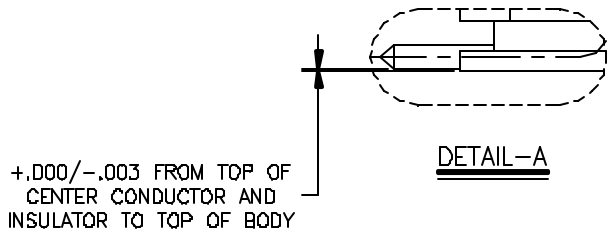


FIGURE 1



DRAWING NO. P311 REV. D

NOTE(S):

1. MATERIAL(S):
   1.1 CONTACT: BRASS ALLOY PER ASTM B-16
   1.2 INSULATOR: TORLON PER MIL-P-46179.
   1.3 BODY: BeCu ALLOY PER ASTM B-196
   (ALT. MAT'L: BRASS ALLOY PER ASTM B-16)
2. FINISH(ES):
   2.1 BODY & CONTACT: GOLD PLATED PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290
   2.3 INSULATOR: NONE
3. DIMENSIONS SHOWN ARE FOR ROGERS 4350 PCB MATERIAL. THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED.
4. ELECTRICAL PERFORMANCE(S):
   4.1 FREQUENCY RANGE: DC-18GHz
   4.2 R.F. INSERTION LOSS: 0.1dB MAX TO 18GHz
   4.3 VSWR: 1.15:1 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 ± 1/32
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 TIR.
6. DIMENSIONS TO BE MET BEFORE PLATING.
7. DRAW FOR ALL TAPERS 10°.
8. THREADS PER H-28.
9. REMOVE FRAYED EDGES ON TEFLON.
10. REMOVE ALL BURRS.

SEE NOTES	–	SEE NOTES	–
MATERIAL	SIZE	DESCRIPTION	PROCUREMENT

NEXT ASSY

APPROVAL INITIALS		DATE
DRAWN BY	ATV	04.21.00
CHECKED		
QUALITY		
ENGINEERING	SMP	02.09.05

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

TITLE SSMP MALE STRAIGHT SURFACE MOUNT

SCALE 10/1 SUB-DRAWING/FILENAME OLPXXX\OLP311 SHEET 1 OF 2

SIZE C CAGE CODE 30990 DRAWING NO. P311 REV. D