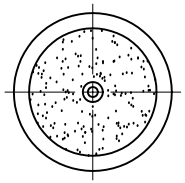
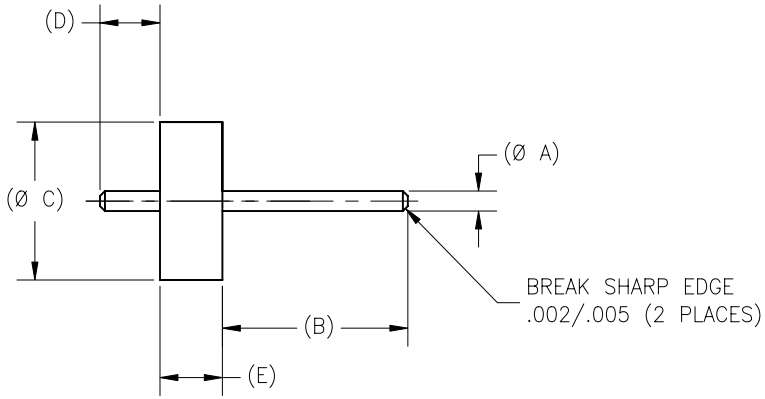
P/N	APPLICABLE NOTE(S)	(Ø A)	(B)	(Ø C)	(D)	(E)
−1	1.1, 1.2, 2.1, 2.3, 3, 4	.020	.078	.158	.060	.062
−3	1.1, 1.2, 2.1, 2.3, 3, 4	.020	.078	.158	.040	.062
−5	1.1, 1.2, 2.1, 2.3, 3, 4	.012	.180	.098	.070	.062
−7	1.1, 1.2, 2.1, 2.3, 3, 4	.012	.180	.076	.070	.069
−9	1.1, 1.2, 2.1, 2.3, 3, 4	.015	.180	.098	.062	.063
−11	1.1, 1.2, 2.1, 2.3, 3, 4	.018	.180	.111	.070	.062
−13	1.1, 1.2, 2.1, 2.3, 3, 4	.020	.205	.158	.060	.062
−14	1.1, 1.2, 2.1, 2.3, 3, 4	.018	.103	.112	.073	.062
−15	1.1, 1.2, 2.2, 3, 4	.015	.076	.098	.062	.062
−16	1.1, 1.2, 2.2, 3, 4	.012	.041	.076	.029	.055
−17	1.1, 1.2, 2.2, 3, 4	.009	.029	.068	.026	.055
−21	1.1, 1.2, 2.1, 2.3,3,4	.020	.205	.1575	.060	.060

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
–	A	ECO 11986	07.18.00	DKN
–	B	ECO 14474	05.01.02	ATV
–	C	ECO 18182	05.09.05	RC





DRAWING NO.	REV.
4004	C

NOTE(S):

1. MATERIAL(S):
   1.1 BODY & CENTER CONDUCTOR:
   KOVAR (IRON–NICKEL–COBALT ALLOY) PER ASTM F–15
   1.2 DIELECTRIC: GLASS PER ASTM F105, 7070 OR 7052
2. FINISH(ES)
   2.1 BODY AND CENTER CONDUCTOR
   GOLD PLATED PER ASTM B–488 OVER
   NICKEL PLATE PER AMS–QQ–N–290
   2.2 BODY, GLASS & CENTER CONDUCTOR: NONE
   2.3 GLASS: NONE
3. LEAK RATE: 1 X 10^{-8} CC/SEC @ 1 ATM.
4. HERMETICAL SEALING PER MIL–H–28719.

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 ±.015 .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 .002 T.I.R.
6. DIMENSIONS TO BE MET BEFORE PLATING.
7. CHAMFER ALL THREADS 45°.
8. THREADS PER H–28
9. REMOVE FRAYED EDGES ON TEFLON.
10. REMOVE ALL BURRS.

MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
SEE NOTE(S)	–	SEE NOTE(S)	–

NEXT ASSY

APPROVAL INITIALS		DATE
DRAWN BY	ATV	07.26.99
CHECKED		
QUALITY		
ENGINEERING	DNG	05.13.05

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

TITLE
HERMETIC SEAL

SCALE	SUB-DIRECTORY\FILENAME	SHEET 1 OF 1
NONE	OL_	

SIZE	CAGE CODE	DRAWING NO.	REV.
C	30990	4004	C