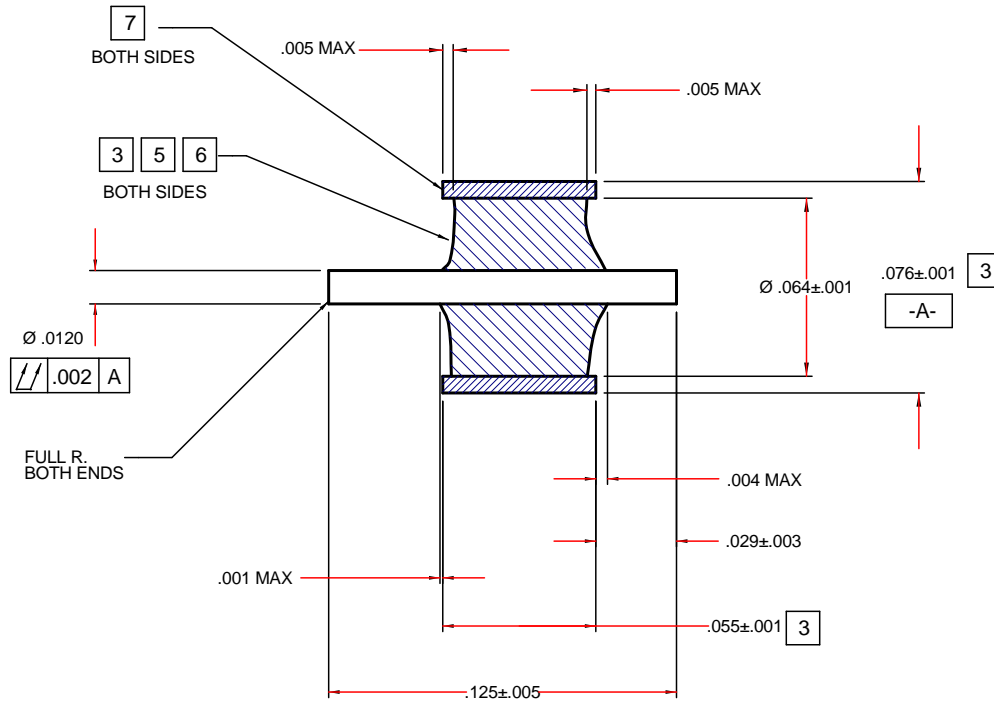


ZONE	REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
	A	INITIAL RELEASE	LAB	TN	11-98	DSR
	B	REVISED NOTES 1,3 AND 5	MC1287	DL	1-99	KS
	C	ADDED NOTE 9 AND 10	MC1848	DL	4-99	KS
	D	ADDED NOTE 11	MC3188	DD	9-01	PL
	E	CHG DIMENSIONS & NOTES	MC3436	DD	2-02	DS
	F	CHANGED NOTE 11	MC3818	DD	4-02	PL
	H	ADDED GED TOLERANCE	MC3652	DD	5-02	DS
	J	CHANGED GED TOL	MC3824	DD	8-02	PL
	K	CHANGED RADIUS ON PIN	00622	DD	05/06	FM



NOTES: UNLESS OTHERWISE SPECIFIED

- MAT'L: CENTER CONDUCTOR-KOVAR. GOLD PLT MIN 50 MICRO INCHES THICK OVER 50-200 MICRO INCHES NICKEL.
INSULATOR- GLASS, CORNING 7070 GREEN.
OUTER CONDUCTOR- KOVAR, GOLD PLT MIN 50 MICRO INCHES THICK OVER 50-200 MICRO INCHES NICKEL.
- SEAL, HERMETIC TO 1X10-8 STD CC HE/SEC AT 1 ATM DIFFERENTIAL.
- MEASURED USING ANRITSU SPEC-50700, 100% INSPECTION REQUIRED.
- CONSTRUCTION OF THE BEAD (INCLUDE KOVAR OXIDE) SHALL BE SUCH HAT IT MEASURES 50 ohm±4 ohm AND HAS .4 db MAX INSERTION LOSS AT 40GHZ.
- TOTAL LACK OF VOL OF BOTH SIDES MUST NOT EXCEED -.006 AND MUST STAY WITHIN DIM SPEC.
- NO POSITIVE GLASS TO APPEAR WITHIN .005 INCH OF I.D. OF OUTER RING.
- SURFACE TO BE FREE OF NICKS AND BURRS.
- KOVAR SLEEVES SHOULD BE OXIDIZED PRIOR TO GLASS FIRING IN FURNACE.
- GLASS TO ADHERE TO KOVAR SLEEVE PER ANRITSU SPEC-50700

UNLESS OTHERWISE SPECIFIED, ALL DIMENSION ARE IN INCHES	DRAWN	DATE	11-98	ADVANCED TECHNOLOGY GROUP, INC.
	CHECKED	DATE	11-98	
SEE PRODUCT STRUCTURE	APPROVED	DATE	11-98	TITLE
ALL INFORMATION SHOWN ON THIS SPECIFICATION IS PROPRIETARY INFORMATION OF ATG, INC.	TOLERANCE: UNLESS OTHERWISE SPECIFIED		32	K-GLASS BEAD
	2 PLACES ±.01	ANGLES ± 1°		DRAWING NO.
DO NOT SCALE DRAWING	FINISH	SEE NOTES		K-100/K100B
				K