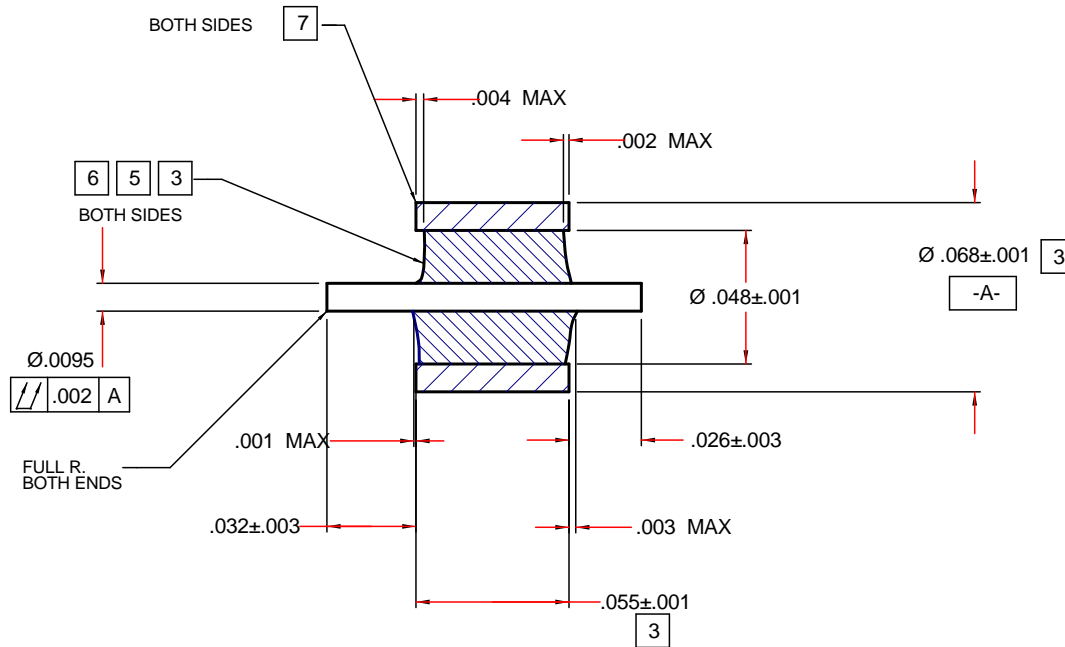


ZONE	REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
	A	INITIAL RELEASE	LAB	TN	04/99	KS
	B	.0095 WAS .0090	MC2238	DL	01/00	KS
	C	ADDED NOTE 10, RDWN	MC3326	DD	11/01	PL
	D	CHANGED NOTES 1 & 5, MOD DIM	MC3625	DD	04/02	PL
	E	CHANGED GEO TOLERANCES	MC3824	DD	08/02	PL
	F	CHANGED NOTE 1	MC4895	DD	10/04	PL
	H	CHANGED RADIUS	MC4937	DD	11/04	PL
	J	CHANGED RADIUS	00623	DD	05/06	FM



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: CENTER CONDUCTOR-KOVAR. GOLD PLT MIN 50 MICRO INCHES THICK OVER 50-200 MICRO INCHES ELECTROLESS OR ELECTROLYTIC NICKEL.
INSULATOR- GLASS, CORNING 7070 GREEN.
OUTER CONDUCTOR- KOVAR GOLD PLT MIN 50 MICRO INCHES THICK OVER 50-200 MICRO INCHES ELECTROLESS OR ELECTROLYTIC NICKEL.
2. SEAL, HERMETIC TO 1X10-8 STD CC HE/SEC AT 1 ATM DIFFERENTIAL.
- 3 MEASURED USING ANRITSU SPEC 52101, 100% INSPECTION REQUIRED.
4. CONSTRUCTION OF THE BEAD (INCLUDE KOVAR OXIDE) SHALL BE SUCH THAT IT MEASURES 50 ohm±4 ohm AND HAS .6 db MAX INSERTION LOSS AT 60GHz.
- 5 TOTAL LACK OF VOL OF BOTH SIDES MUST NOT EXCEED -.005 AND MUST STAY WITHIN DIM SPEC.
- 6 NO POSITIVE GLASS TO APPEAR WITHIN .005 INCH OF I.D. OF OUTER RING.
- 7 SURFACE TO BE FREE OF NICKS AND BURRS.
8. ANRITSU P/N 702-23.
9. KOVAR SLEEVES SHOULD BE OXIDIZED PRIOR TO GLASS FIRING IN FURNACE.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSION ARE IN INCHES	DRAWN	DATE	04/99	ADVANCED TECHNOLOGY GROUP, INC.
	CHECKED	DATE	04/99	
SEE PRODUCT STRUCTURE	APPROVED	DATE	04/99	TITLE
ALL INFORMATION SHOWN ON THIS SPECIFICATION IS PROPRIETARY INFORMATION OF ATG, INC.	TOLERANCE: UNLESS OTHERWISE SPECIFIED		32 ✓	V-GLASS BEAD
	2 PLACES ±.01	ANGLES ± 1°		DRAWING NO.
DO NOT SCALE DRAWING	3 PLACES ±.005	SURFACE	V-100/V100B	REV.
	4 PLACES ±.0005	FINISH		J