

**SPECIFICATIONS:**

NULL IMPEDANCE (END-TO-END): 7000 OHMS +/-20% @ 21° C  
(MEASURED BETWEEN DIAGONAL ELECTRODES)

RANGE: +/-30 DEGREES

LINEARITY: 1 DEGREE OVER +/-20 DEGREES OR BETTER (2.5% OF 40-DEGREE SPAN)

ELECTRODES, GLASS, ELECTROLYTE: PLATINUM-RUTHENIUM CLAD, IRON-NICKEL ELECTRODES, PLATINIZED. FROSTED GLASS.

LOW-VISCOSITY (UNDAMPED) ELECTROLYTE.

DIMENSIONS: BASE DIAMETER= 0.500" (12.7mm)

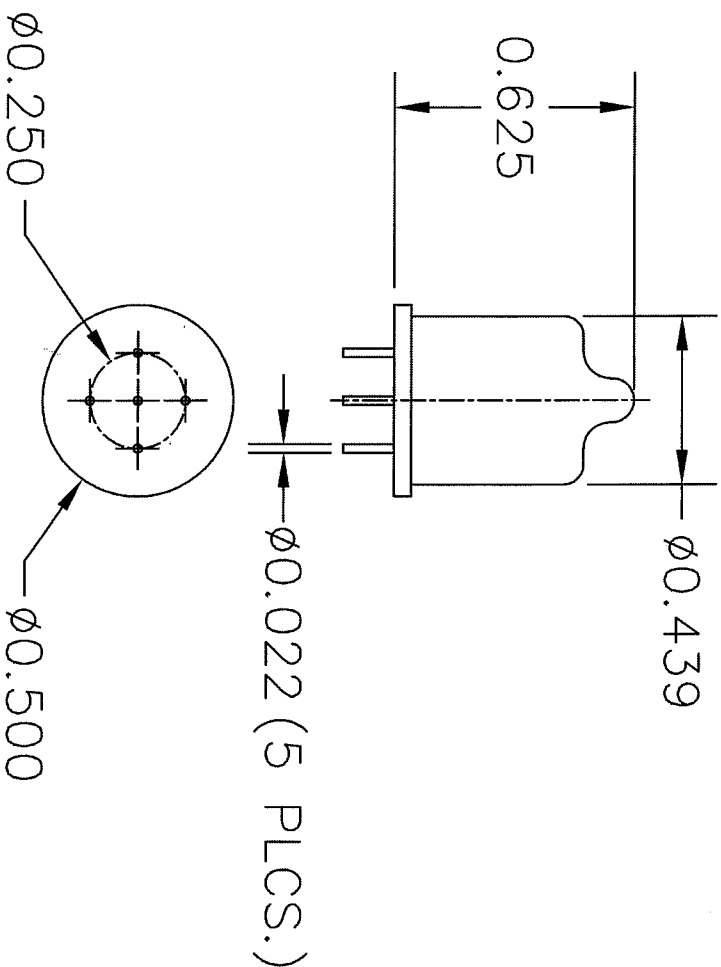
DIAMETER OF TUBULAR PORTION = 0.439 (11.2mm)

HEIGHT (TOP TO BOTTOM, EXCLUDING ELECTRODES) = .053" (1.35mm) TYPICAL, 0.625" (16.0mm) MAX.

ELECTRODE DIAMETER: 0.022" (0.60mm)

ELECTRODES ON 0.25" (6.35mm) DIAMETER CIRCLE

REV. NO.		DESCRIPTION	DATE	APPR.
A		PRODUCTION RELEASE	04/20/95	GRH
B		ADDED MAX AND TYPICAL HEIGHTS	10/15/96	GRH
C		ADDED ELECTROLYTE DESCRIPTION, LINEARITY AND DIAGONAL REFERENCE	08/29/97	GRH
D		REDRAWN IN AUTOCAD	10/07/05	GRH



UNLESS OTHERWISE INDICATED:  
1. DIMENSIONS ARE IN INCHES (mm)

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DISKETTE FILE NO. 59560D.DWG

MATERIAL	FINISH	DRAWN	DATE
HEAT TREATMENT	HARDNESS	CHECKED	10/07/05
NAME	APPROVED	GRH	10/07/05
SENSOR, TILT, BIAXIAL			
USED ON MODEL NO.	VARIOUS	NEXT ASSY NO.	VARIOUS
SCALE:	2=1	PART NO.	59560
SIZE:	A	REV:	D
			SHEET 1 OF 1