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REV	ECO'S AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL RELEASE	11-8-94	GP
C	DCO # 1546 CHANGED CAG TO MAX		

- | | |
|---|---|
| <p>1. Output:
41.7 to 73.1 microamps in air within a temperature range of 23 +/- 4 deg C and at 1000 millibar pressure</p> <p>2. Operating Temperature:
5 to 40 deg C</p> <p>3. Storage Temperature:
0 to 45 deg C</p> <p>4. Optimal Storage Temperature:
5 to 25 deg C</p> <p>5. Range of Measurement (Full Scale):
0 to 100% oxygen</p> <p>6. Zero Offset:
Less than .58 microamps when exposed to 99 to 100 percent nitrogen</p> <p>7. 90% Response Time:
Less than or equal to 15 seconds</p> | <p>8. Linearity:
Within +/- 2.0% of full scale</p> <p>9. Stability:
Less than 1% of full scale over an 8 hour period</p> <p>10. Interference:
Less than 1% of full scale in presence of nitrous oxide, carbon dioxide and helium</p> <p>11. Temperature Sensitivity:
+2.9 ±0.2%/°C</p> <p>12. Pressure Sensitivity:
Sensor output to be linear with partial pressure of oxygen within +/- 2% of full scale.</p> <p>13. Life
800,000% oxygen hours</p> |
|---|---|

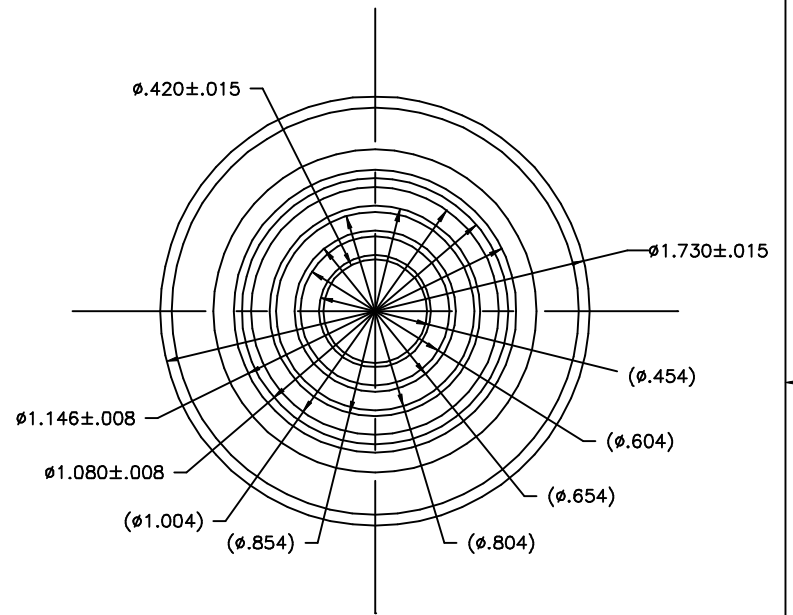
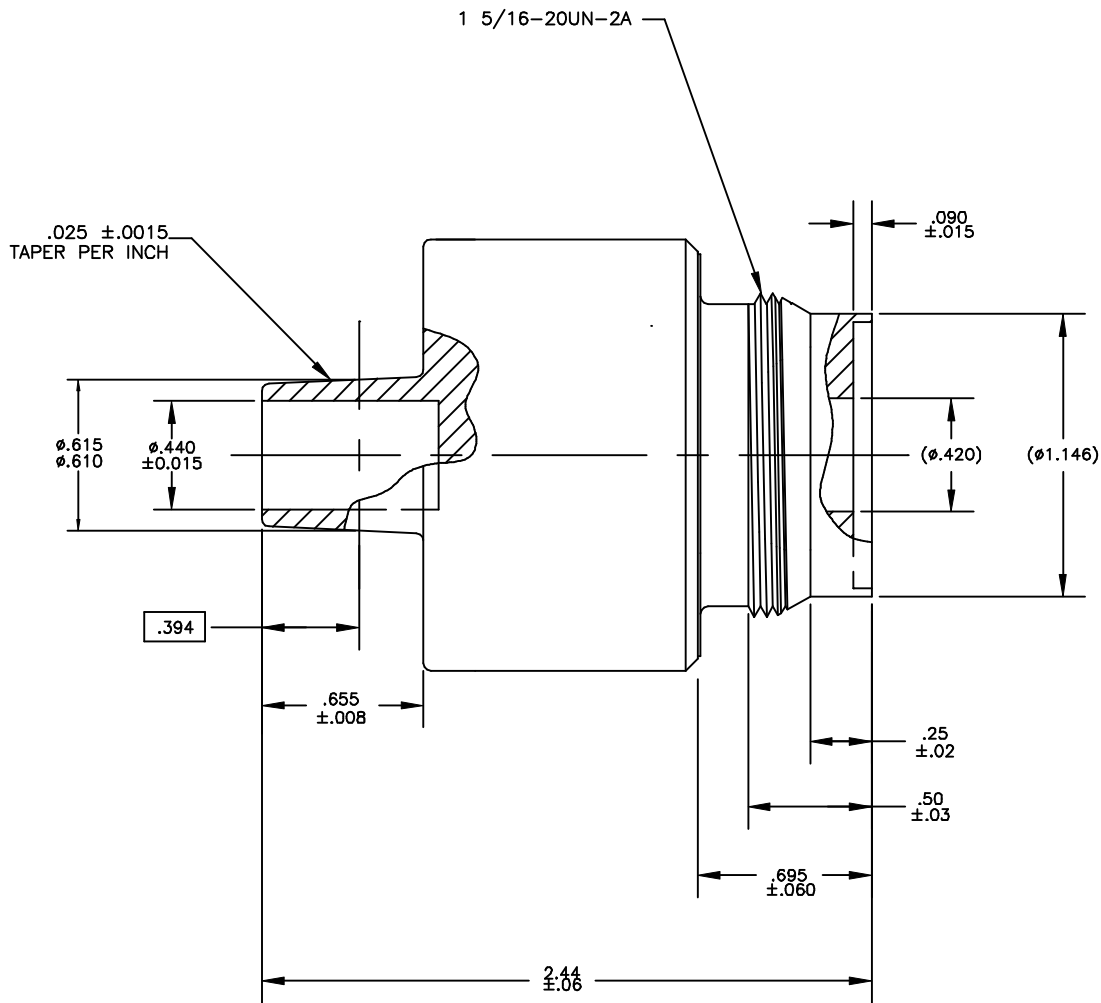


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ANSI Y14.5-1982				mactec ™ SALT LAKE CITY, UTAH 84119 SPECIFICATIONS, MAX-8 OXYGEN SENSOR			
.XX ±.01	.XXX ±.005	ANGLES ±1°30'					
QA G. ROTH	2/23/00	PREP G. PEKAR	7/26/93	SIZE B	FSCM NO. 1S815	NUMBER R107P70	REV C
MFG E. MEADS	2/23/00	CHKR C. POELAKKER	11/16/95	SCALE NONE	SHEET 1 OF 2		
		ENG D. GOETZ	2/23/00	PROPRIETARY INFORMATION MACTEC INC.			

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R10/P70 C



SIZE B	FSCM NO. 1S815	NUMBER R107P70	REV C
SCALE NONE	SHEET 2 OF 2		

PROPRIETARY INFORMATION
WATTEK INC.

R107P70 C