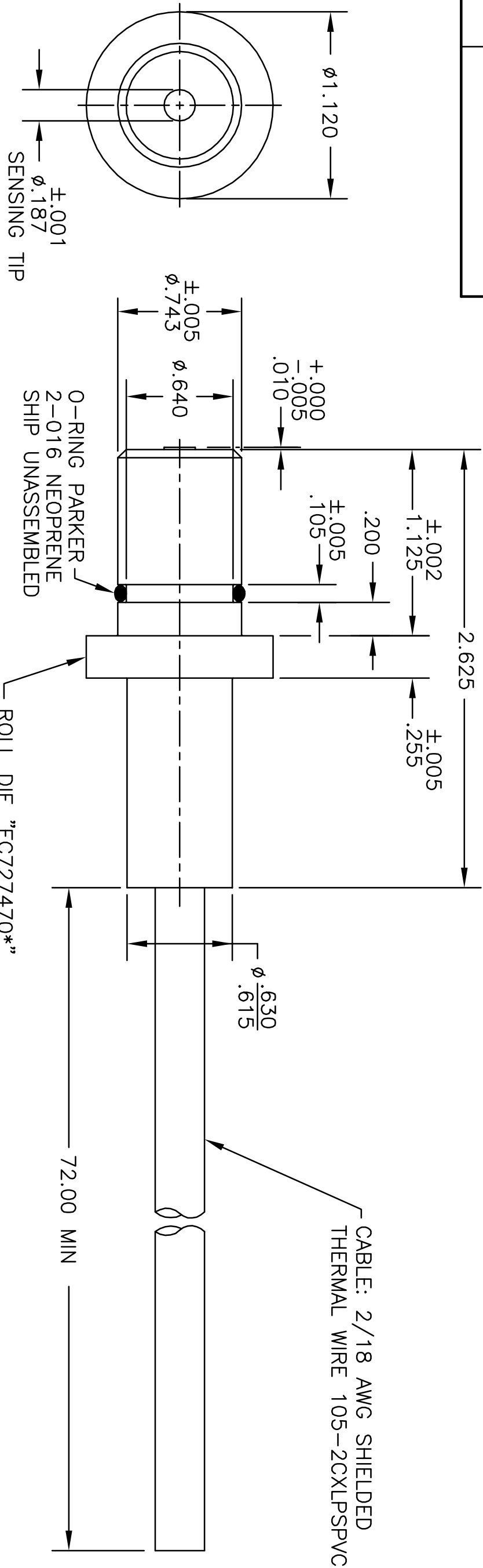


SPECIFICATION DATA	
PARAMETER	VALUE
OUTPUT VOLTAGE	70V Pk-Pk MIN
COIL RESISTANCE	200 OHMS MAX
INDUCTANCE	85mH MAX @ 1KHz
DIELECTRIC STRENGTH	500V RMS AT 60HZ FOR 1 MIN MAX NOT TO EXCEED 100V PER SECOND
LEAKAGE RESISTANCE	100 MEGOHMS MIN @ 500VDC
TEMPERATURE LIMITS	-100°F TO +225°F
CUSTOMER DWG NO	

- NOTES:
- TESTED AT 1000 I.P.S. WITH AN 8 PITCH GEAR AT .005" CLEARANCE AND A LOAD OF 1250 OHMS.
 - SEE PRODUCTION PRINT FOR APPLICABLE REVISION LETTER *.
 - CUSTOMER: UNION SWITCH & SIGNAL
 - POLARITY: WHITE LEAD WILL BE POSITIVE WITH RESPECT TO BLACK LEAD UPON THE APPROACH OF FERROUS METAL INTO THE MAGNETIC FIELD.
 - AFTER FINAL TEST REMOVE CABLE STRIP.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVAL
A1	REDRAWN WITHOUT CHANGE	8/9/99	
B	CABLE WAS BOSTON WIRE PN/15583R002 CN-2042	10/11/01	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX DECIMAL ± .010 .XX DECIMAL ± .03 FRACTIONS ± 1/32 ANGLES ± 5° RUNOUT .008 FIM 125/RMS OR BETTER ON MACHINED PARTS. BREAK SHARP CORNERS .005/.015 NO BURRS										DO NOT SCALE DRAWING										DRAWN		PEP		2/26/92		 ELECTRO CORPORATION		VARIABLE RELUCTANCE SENSOR					
THIS DOCUMENT IS THE PROPERTY OF ELECTRO CORPORATION AND MAY NOT BE REPRODUCED EITHER IN FULL OR IN PART WITHOUT WRITTEN APPROVAL BY ELECTRO CORPORATION.										CHKD.		PEP		2/26/92																			
										ENGR.		MAP		3/16/92																			
										MFG.		KWT		4/28/92																			
										MATERIAL:										Q.C.		BLH		4/28/92									
SPEC. CONT.						B		81692												727470		B											
3RD ANGLE PROJECTION 										SCALE		NONE		DRAWING		PER ANSI Y14.5M-1982		SHEET		1		OF		1									

MODEL DWG. NO. 727470 1 8

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