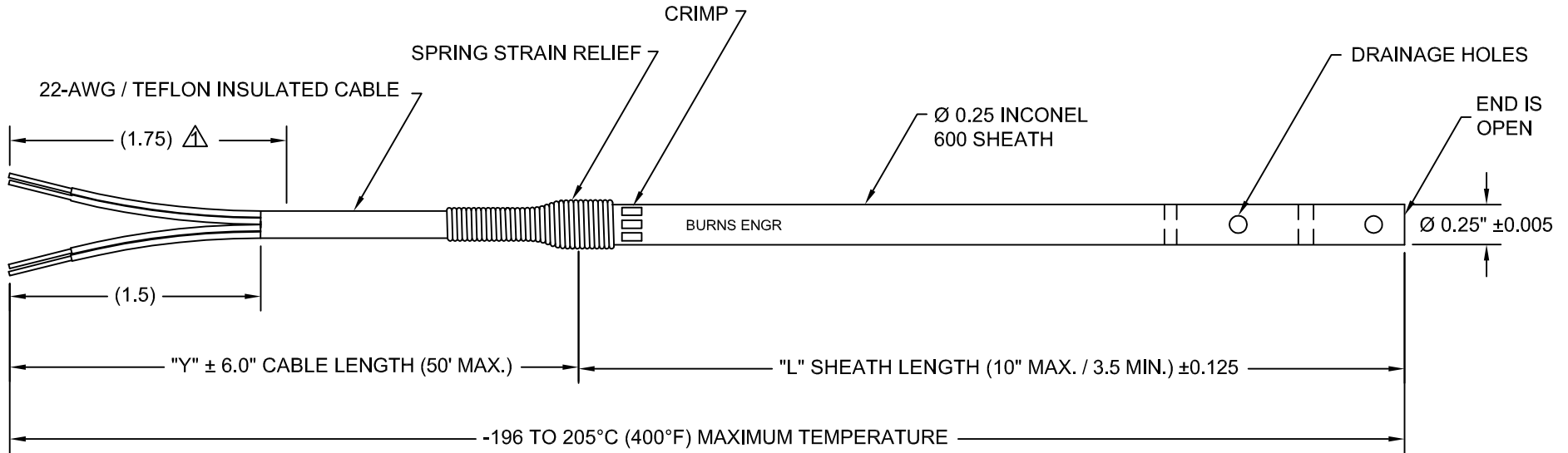


SYM	ECO NUMBER	DATE	APPD
A	ECO 5616	3-11-04	JPZ
B	ECO 5512	10/19/04	DPS
C	ECO 5750	10/14/05	JPZ



NOTES:

- 1. END OF CABLE MUST REMAIN OUTSIDE OF FREEZER TO MAINTAIN MOISTURE SEAL.
- 2. PROBE IS SPECIALLY SEALED FOR USE IN A FREEZER AND OTHER LOCATIONS WHERE EXPOSED TO LIQUID WATER AND SUB-ZERO TEMPERATURES.
- 3. PROBE INCLUDES CALIBRATION AT -196, -38, .01, 100, & 200°C. A TABLE FROM -200 TO 200°C IN 1°C INCREMENTS WILL BE PROVIDED.

ORDERING INFORMATION:

20139	FREEZER PROBE - PLATINUM RESISTANCE THERMOMETER					
	ACCURACY					
	-10	100 OHMS ±.10 OHM @ 0°C				
	ELEMENT/LEAD WIRE CONFIGURATION					
	-A	FOUR WIRE SINGLE ELEMENT				
		"L" SHEATH LENGTH (10.0" MAX - 3.5" MIN.)				
		-*	SPECIFY "L" LENGTH IN INCHES			
			"Y" CABLE LENGTH			
			-*	SPECIFY CABLE LENGTH IN INCHES (50' OR 600" MAX.)		
			"D" SHEATH DIAMETER			
			-A	Ø 0.25		
20139	-10	-A	-6	-120	-A	TYPICAL PART NUMBER

<b>-TOLERANCES-</b> UNLESS OTHERWISE SPECIFIED
ALL DIMENSION IN INCHES
FRACTIONS = ±1/16 ONE PLACE .X = ±.050 TWO PLACE .XX = ±.010 THREE PLACE .XXX = ±.005
ALL ANGLES ARE ± 0°30'
SHEATH AND LEAD LENGTHS PER BURNS P/N 17026
UNLESS OTHERWISE NOTED: ALL SURFACES 125 ✓
ALL FINISHES IN MICRO INCHES



**BURNS ENGINEERING**

SCALE	N.T.S.	
DFTM	DPS	3-11-04
CHKD	JPZ	3-11-04
APPD	JPZ	3-11-04

MOUNTING AND OUTLINE DRAWING,  
BURNS, FREEZER TYPE PRT, 100 OHMS  
.003925 TEMP. COEFF.

DIMENSIONS IN INCHES REF. 20140	SHEET 1 OF 1	SIZE A	DRAWING NUMBER 20139	REV C
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