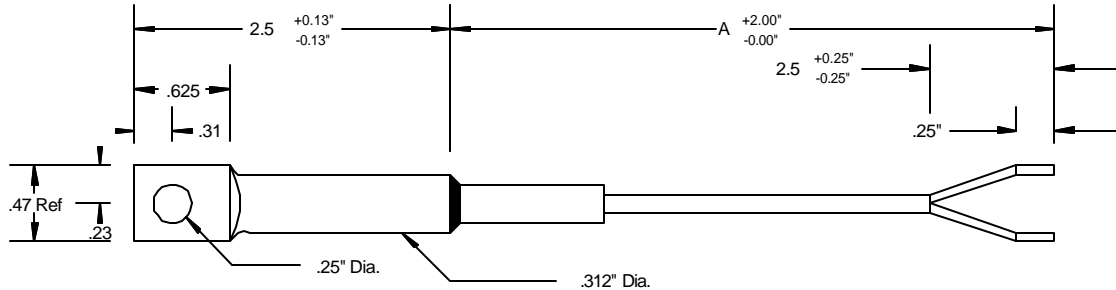


DASH	A	ELEMENT	
1	72"	100 OHM	
2	60"	500 OHM	
3	72"	1000 OHM	

LTR	DESCRIPTION	BY	DATE



**ELEMENT:**

Platinum Resistance Thermal Detector (PRTD):

Resistance: See Table

Tolerance:  $\pm 12\%$  @  $0^{\circ}\text{C}$  Class B

Temperature Coefficient:  $.385\%/^{\circ}\text{C}$  from 0 to  $100^{\circ}\text{C}$

Operating Temperature:  $-40$  to  $250^{\circ}\text{C}$

Maximum Operating Current: 10MA RMS

Stability:  $.25\%$  of Maximum exposed temperature for one year of service

Repeatability: 0.1% after 10 cycles of full temperature range

**Construction:**

Strain Relief: Fully potted

Sheath: Stainless Steel type 300.

Wire: 2C FEP/FEP Type CLP2 (UL).

--- TOLERANCES UNLESS OTHERWISE SPECIFIED ---

SHEATH LENGTH  $\pm .100$

LEAD LENGTH  $\pm .25$  OR 2% WHICHEVER IS GREATER

WIRE STRIP  $\pm .125$

Drawn	JJB
Approved	
Date	05-23-01
Scale	N/A

  
**QUANTEM**<sup>®</sup>  
 CORPORATION  
TRENTON, NEW JERSEY

Title: **SURFACE MOUNT- LARGE**

Features/Model	
SURFACE MOUNT	
Drawing Number	Revision
223-11319	