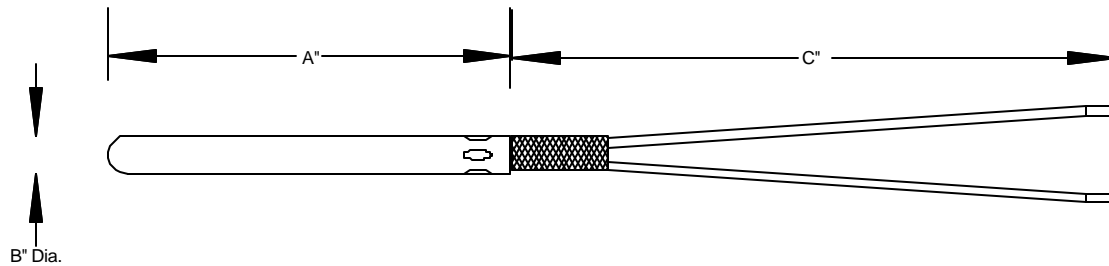


Dash	A	B	C	Element
1	3	.187	36"	100 Ohms
2	3	.187	36"	500 Ohms
3	3	.187	36"	1000 Ohms
4	6	.125	36"	100 Ohms
5	6	.125	48"	1000 Ohms

LTR	DESCRIPTION	BY	DATE



ELEMENT:

Platinum Resistance Thermal Detector (PRTD):
Resistance: See Table
Tolerance: $\pm 0.12\%$ @ 0°C Class B
Temperature Coefficient: $.385\%/^{\circ}\text{C}$ from 0 to 100°C
Operating Temperature: -40 to 450°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: Four point crimp with fiberglass strain relief.

Sheath: Stainless Steel type 300.

Wire: 24/7 Ni:Cu with Fiberglass sleeving.

--- TOLERANCES UNLESS OTHERWISE SPECIFIED ---

SHEATH LENGTH +/- .100

LEAD LENGTH +/- .25 OR 2% WHICHEVER IS GREATER

WIRE STRIP +/- .125

Drawn	JJB
Approved	
Date	05-13-02
Scale	NA


QUANTEM[®]
CORPORATION
TRENTON, NEW JERSEY
**HIGH TEMPERATURE
IMMERSION PROBE**

Features/Model	HIGH TEMP. RTD	
Drawing Number	223-11332-	Revision