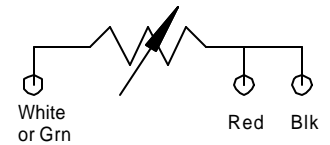
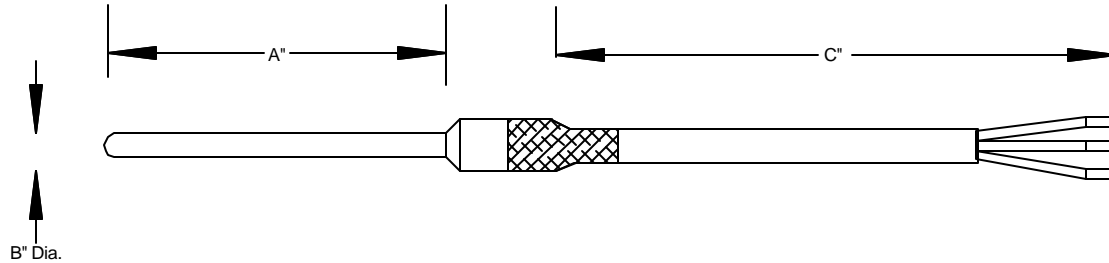


Dash	A	B	C	Element
1	3	.125	36"	100 Ohms
2	3	.125	36"	500 Ohms
3	3	.125	36"	1000 Ohms
4	6	.125	36"	100 Ohms
5	6	.125	48"	1000 Ohms

LTR	DESCRIPTION	BY	DATE



ELEMENT:

Platinum Resistance Thermal Detector (PRTD):

Resistance: See Table

Tolerance: $\pm 0.06\%$ @ 0°C Class A

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

Operating Temperature: -40 to 250°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: Epoxy end seal with PVC boot for moisture resistance.

Sheath: Stainless Steel type 300.

Wire: PVC Cable rated at 105°C with stranded inners.

--- 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	05-13-02
Scale	NA



Features/Model	RTD 3 WIRE PRECISION
Drawing Number	223-11333
Revision	

Title
IMMERSION STYLE PROBE