

WHEN ORDERING SPECIFY CASE LENGTH, NUMBER OF LEADS, AND LEAD LENGTH. BELOW IS AN EXAMPLE OF MODEL NUMBER MAKEUP:

SB1PD153Y36

LEAD LENGTH B IN INCHES.

NUMBER OF LEADS:

Y = 2 LEADS;

Z = 3 LEADS.

CASE LENGTH A IN .1" INCREMENTS (153 = 15.3").

MINIMUM A = 35 (3.5");

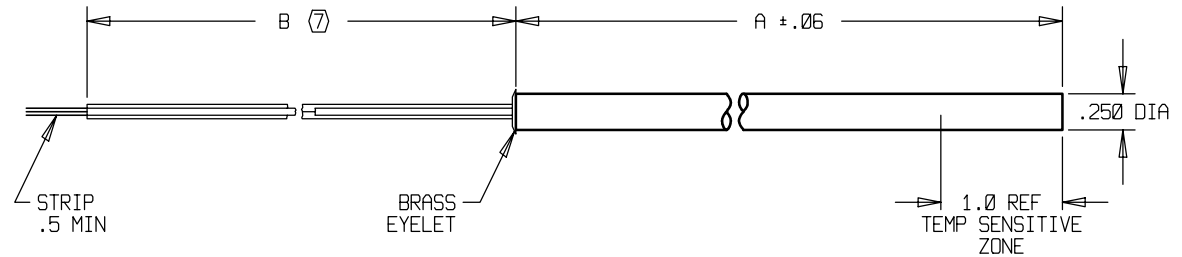
MAXIMUM A = 480 (48.0").

SENSING ELEMENT:

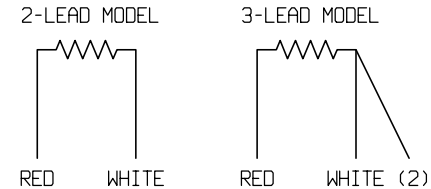
PD = 1000 ±.1%, .00385 PLATINUM.

SPECIFICATIONS DRAWING NUMBER.

REVISIONS			
REV	DESCRIPTION	DATE	ECO
B	UPDATED NOTES; REDRAWN	05-08-95	24850



SCHMATIC DIAGRAMS



10. THE RESISTANCE THERMOMETER WILL MEET THE RESISTANCE-TEMPERATURE RELATIONSHIP AND TOLERANCES SPECIFIED IN IEC 751, CLASS B.

⑨ CASE MAY BE CUT TO SHORTER LENGTH. USE CARE NOT TO DAMAGE LEADWIRE INSULATION. LOCATE THE EYELET IN END OF CUT-OFF CASE TO PROTECT LEADWIRE INSULATION AT POINT OF EMERGENCE. MINIMUM A FOR CUT-OFF CASE IS 35 (3.5").

8. CASE: STAINLESS STEEL.

⑦ TOLERANCE ON LEAD LENGTH: 71" AND UNDER: +2/-0"; 72" TO 119": +4/-0"; 120" AND OVER: +6/-0".

6. LEADS: AWG #22, STRANDED NICKEL CLAD COPPER, MICA GLASS BRAID INSULATED.

5. INSULATION RESISTANCE: 10 MEGOHMS MINIMUM AT 100 VOLTS DC, LEADS TO CASE.

4. TEMPERATURE RANGE: -100°C TO 550°C (-148°F TO 1022°F).

3. RESISTANCE-TEMPERATURE COEFFICIENT: .00385 OHM/OHM/°C NOMINAL FROM 0°C TO 100°C.

2. RESISTANCE: 100.0 OHMS ±.1% (100.1/99.9) AT 0°C (32°F), EXCLUDING LEADWIRE RESISTANCE; R/T TABLES #5-100 (°C) AND #6-100 (°F).

1. ELEMENT: PLATINUM.

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES IN INCHES DIMENSIONS IN () ARE IN MILLIMETERS		ITEM	REQD	PART/STOCK NO	MATERIAL DESCRIPTION
ONE PLACE (.0)	±.020 [+,.51]	TRANSFERRED		05-25-95 SMW	MINCO PRODUCTS, INC. MINNEAPOLIS, MINN., USA CAGE IDENT.: 09359
TWO PLACE (.00)	±.010 [+,.25]	TITLE:			
THREE PLACE (.000)	±.005 [+,.13]	MATERIAL:			THIRD ANGLE PROJECTION
ANGLES:		FINISH:			S81
NEXT ASSY		INIT. JOB		REV	
USED ON		6-		B	
SCALE:		NONE		STOCK NO	
DWG SIZE		B		SHEET 1 OF 1	