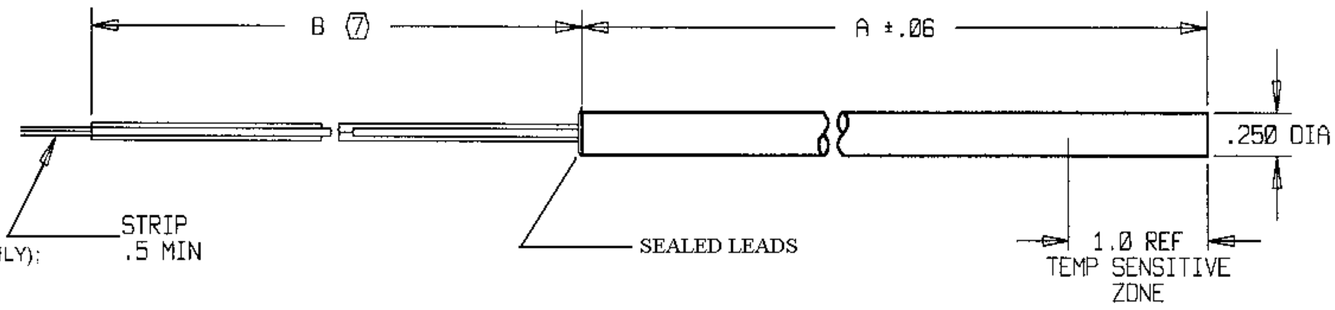
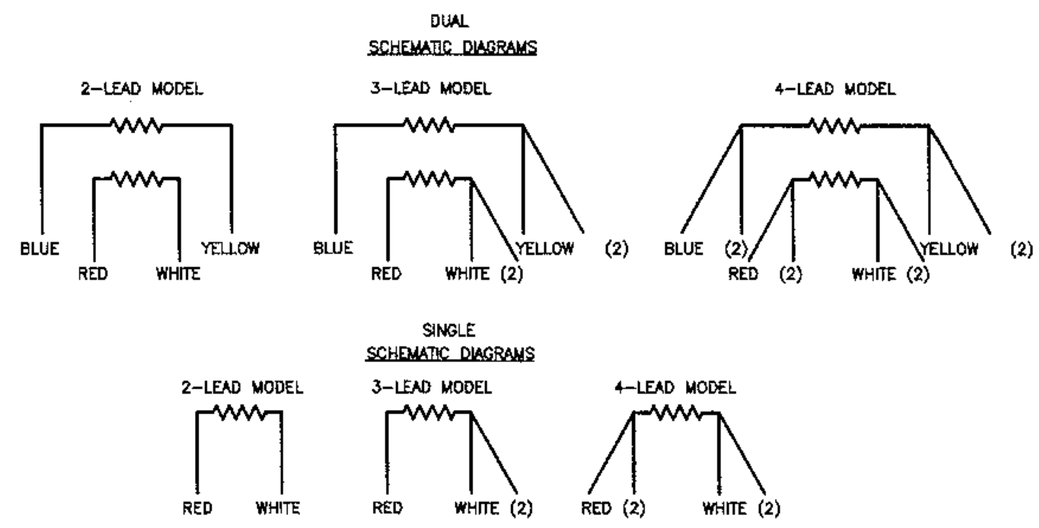
REVISIONS					
REV	DESCRIPTION	DATE	ECO	DR	APPD

WHEN ORDERING SPECITY NUMBER OF LEADS, LEAD COVERING, AND LEAD LENGTH. BELOW IS AN EXAMPLE OF MODEL NUMBER MAKEUP.

P D100-250-120-3-72S

- LEAD COVERING
  - T = TEFLON
  - S = STAINLESS STEEL
  - A = FLEX ARMOR
- LEAD LENGTH IN INCHES
- NUMBER OF LEADS
  - 2 = 2 LEADS
  - 3 = 3 LEADS
- CASE LENGTH
- CASE DIAMETER
- SENSING ELEMENT
  - 10 = ±.2% COPPER (SINGLE ELEMENT ONLY);
  - 120 = NICKEL;
  - 100 = ±.12%, .00385 PLATINUM (11);
- ELEMENT CODE
  - SINGLE ELEMENT=NONE
  - DUAL ELEMENT=D
- PRODUCT CODE





1. ELEMENT: PLATINUM
2. RESISTANCE; 100.00 OHMS ± .12% (100.12/99.88) AT 0.C° (32°F) EXCLUDING LEADWIRE RESISTANCE.
3. RESISTANCE – TEMPERATURE COEFFICIENT: .00385 OHM/OHM/°C
4. TEMPERATURE RANGE; -50°C TO 260°C (-58°F TO 500°F).
5. INSULATION RESISTANCE; 10 MEGOHMS MINIMUM AT 100 VOLTS DC, LEADS TO CASE AND STAINLESS STEEL BRAID (IF USED).
6. LEADS: #26, STRANDED, TFE INSULATED
   NOTE: LEADS & INSULATION POTTED INTO CASE. EPOXY POTTING NOT TO EXCEED CASE DIMENSIONS.
7. MATERIAL: 316SS
8. THE RESISTANCE THERMOMETER WILL MEET THE RESISTANCE TEMPERATURE RELATIONSHIP AND TOLERANCES SPECIFIED IN IEC 751, CLASS B.

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES IN INCHES DIMENSIONS IN [ ] ARE IN MILLIMETERS

ONE PLACE (.0)	±.020	[±0.51]
TWO PLACE (.00)	±.010	[±0.25]
THREE-PLACE (.000)	±.005	[±0.13]

ANGLES:

MATERIAL:

FINISH:

	INITIALS	DATE
DR	EDG	10-30-00
CHK	DES	11-02-00
APP		
ENGR	DLW	11-02-00
QA		
PRD		
NEXT ASSY		INIT. JOB 5-
USED ON		

ITEM	REQD	PART/STOCK NO	MATERIAL DESCRIPTION

TITLE:

RESISTANCE TEMPERATURE DETECTOR

PROBE TYPE

REF: INT. J.O. 16-262062

REF: Q:\DOCS\EXCEL\BARE\PROCESS CONTROL\112020\HS-TE-3462.DWG

SCALE: NONE | STOCK NO | DWG SIZE B

WESSCO PRODUCTS, INC.
HOUSTON, TX USA
281-469-7814

CAGE IDENT. 08350 | THIRD ANGLE PROJECTION

P250 | REV A

SHEET 1 OF 1