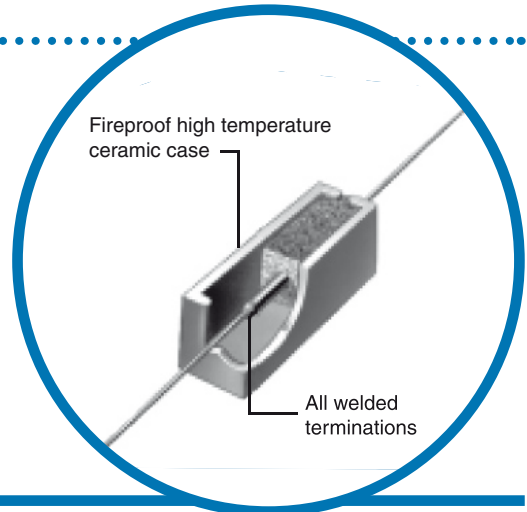


# Extremely Low Resistance Power Wirewounds

## PLO Series

- 3 watts to 15 watts
- 0.005 ohm to 0.18 ohm
- $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 3\%$ ,  $\pm 5\%$ ,  $\pm 10\%$  tolerance
- TC's from 30 ppm/°C to +500 ppm/°C (range dependant)



## Electrical Data

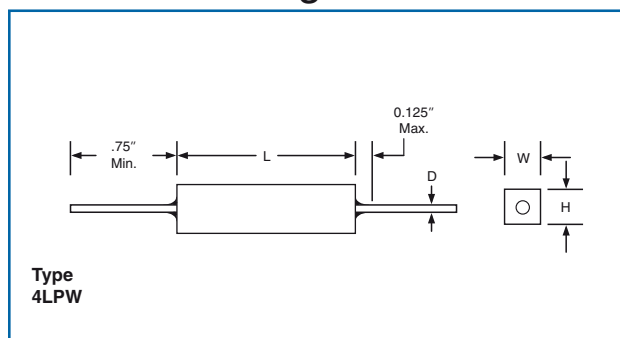
IRC Type	Power @ 25°C (watts)	Resistance Range (ohms)
PLO-3	3	.005 TO .18
PLO-5	5	.005 TO .18
PLO-7	7	.01 TO .18
PLO-10	10	.01 TO .18
PLO-15	15	.01 TO .18

-Inductance less than 10 nanohenries.

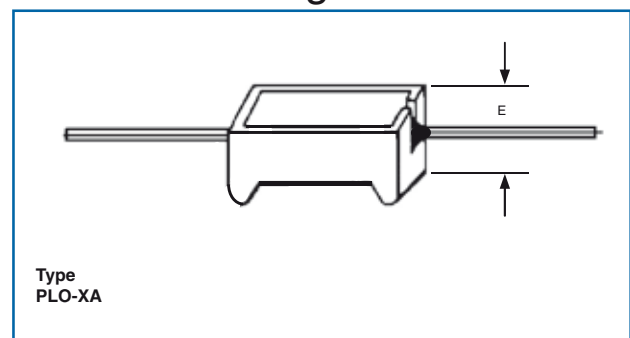
**NOTE:** Standard test points for PLO-3 and PLO-5 are 1.75 in. (44.45mm); test points for PLO-7, PLO-15 are 2.500 in (63.50mm). Consult factory for application.

Please note: When ordering the alternate configuration please add an "A" after the part number. (PLO-3A)

## Standard Configuration



## Alternate Configuration



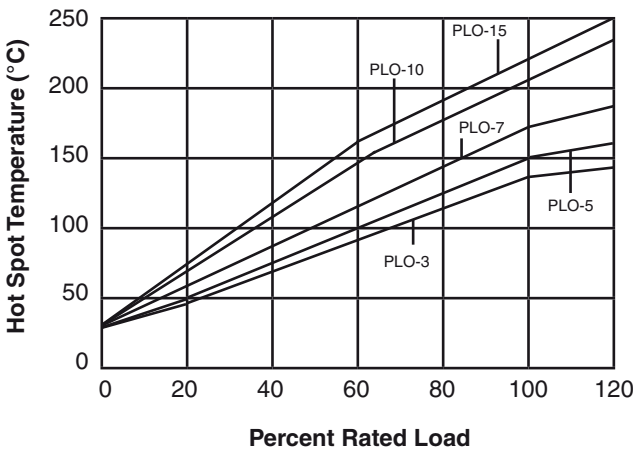
Dimensions (Inches (mm))

IRC Type	L $\pm .063$ (1.6)	W $\pm .03$ (.8)	H $\pm .03$ (.8)	D - Diameter $\pm .002$ (.05)	E $\pm .03$ (.8)
PLO-3	.88 (22.4)	.31 (7.87)	.31 (7.87)	.040	.38 (9.65)
PLO-5	.88 (22.4)	.38 (9.65)	.35 (8.89)	.040	.41 (10.4)
PLO-7	1.39 (35.3)	.38 (9.65)	.35 (8.89)	.040	.47 (11.9)
PLO-10	1.88 (47.8)	.38 (9.65)	.35 (8.89)	.040	.47 (11.9)
PLO-15	1.88 (47.8)	.50 (12.7)	.50 (12.7)	.040	.63 (16.0)

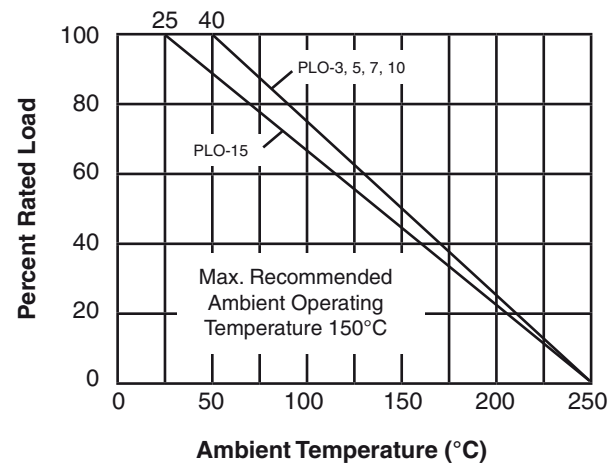
### General Note

TT electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT electronics' own data and is considered accurate at time of going to print.

### Temperature Rise Chart



### Power Derating Curve



### Ordering Data

Sample Part No. .... **PLO** **5** **R020** **F**

IRC Type .....

Power .....

Resistance Range .....

Tolerance .....

5 = 5 watts  
(see specification chart for other power ratings)

Expressed in ohms  
(Standard EIA/MIL values)

F = ±1%, G = ±2%, H = ±3%, J = ±5%, K = ±10% standard