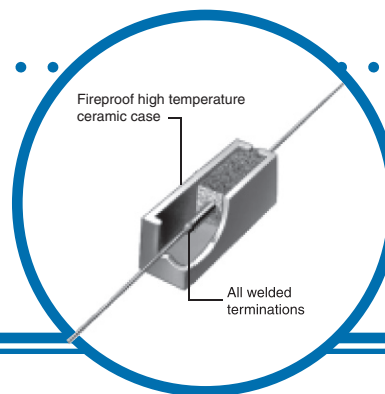


Extremely Low Resistance Power Wirewounds

PLO Series

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



Electrical Data

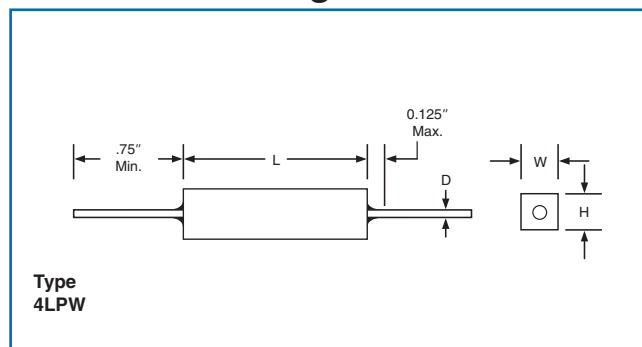
IRC Type	Power @ 25°C (watts)	Resistance Range (ohms)
PLO-3	3	.005 TO .18
PLO-5	5	.005 TO .18
PLO-7	7	.01 TO .18
PLO-10	10	.01 TO .18
PLO-15	15	.01 TO .18

-Inductance less than 10 nanohenries.

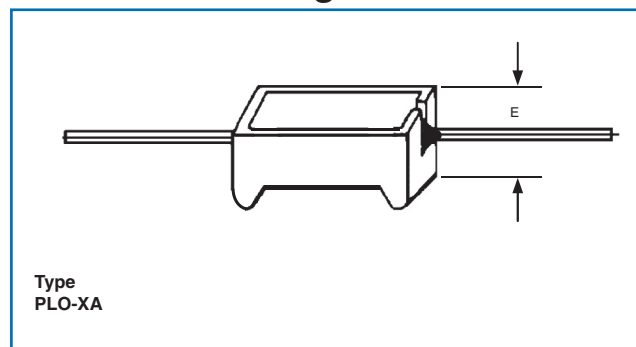
NOTE: Standard test points for PLO-3 and PLO-5 are 1.75 in. (44.45mm); test points for PLO-7, PLO-15 are 2.500 in (63.50mm). Consult factory for application.

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

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

Wire and Film Technologies Division • 4222 South Staples Street • Corpus Christi Texas 78411 USA
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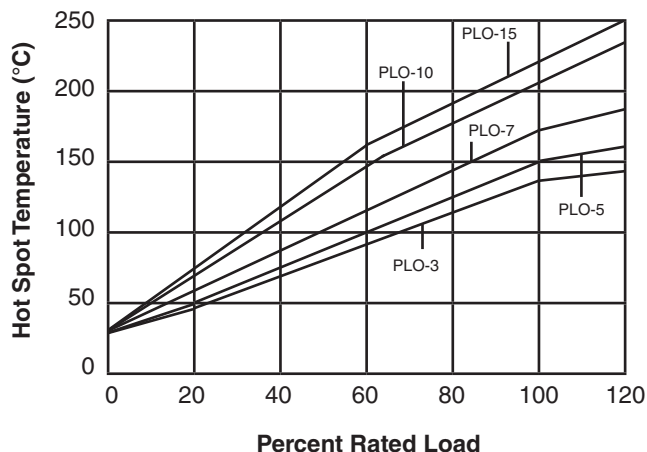
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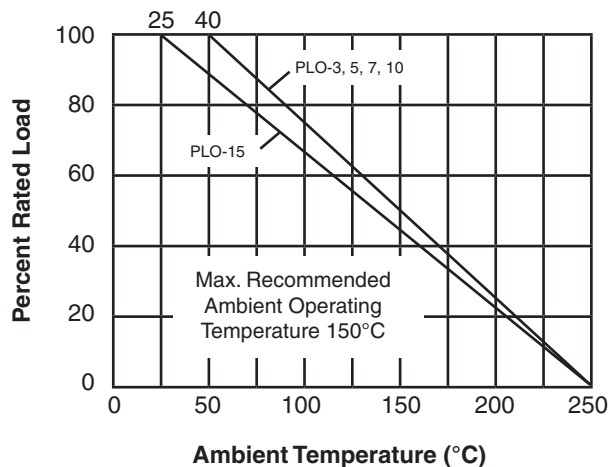
Extremely Low Resistance Power Wirewounds



Temperature Rise Chart



Power Derating Curve



Ordering Data

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

IRC Type PLO

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

Resistance Range Expressed in ohms
(Standard EIA/MIL values)

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