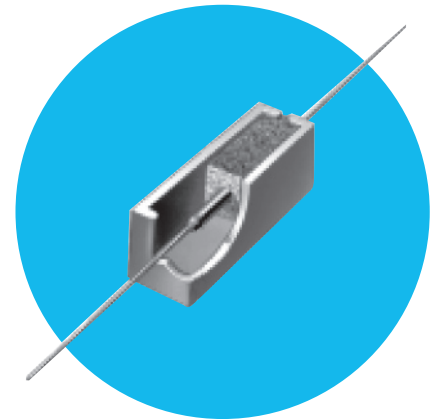


Extremely Low Resistance Power Wirewounds



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

All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

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

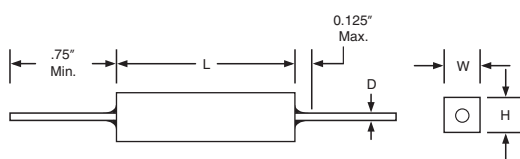
-Inductance less than 10 nanohenries.
TCR ± 30 to $+500$ ppm/°C

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)

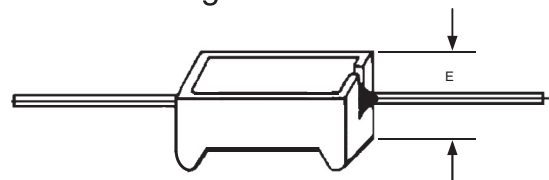
Physical Data

Standard Configuration



Type PLO

Alternate Configuration



Type PLO-XA

Dimensions (Inches (mm))

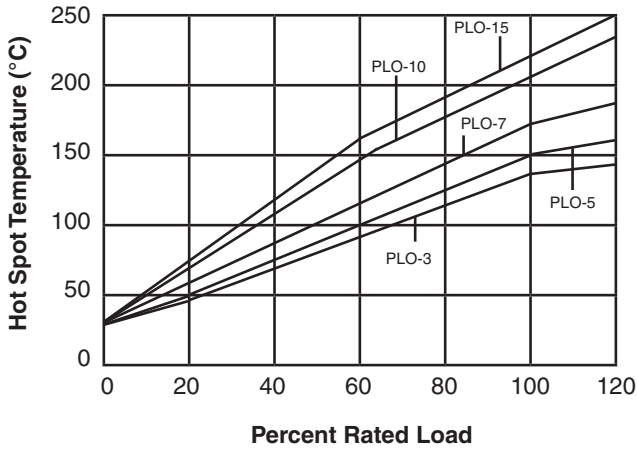
IRC Type	L ± 0.063 (1.6)	W ± 0.03 (.8)	H ± 0.03 (.8)	D - Diameter ± 0.002 (.05)	E ± 0.03 (.8)
PLO-3	.88 (22.4)	.31 (7.87)	.31 (7.87)	.040 (1.0)	.38 (9.65)
PLO-5	.88 (22.4)	.38 (9.65)	.35 (8.89)	.040 (1.0)	.41 (10.4)
PLO-7	1.39 (35.3)	.38 (9.65)	.35 (8.89)	.040 (1.0)	.47 (11.9)
PLO-10	1.88 (47.8)	.38 (9.65)	.35 (8.89)	.040 (1.0)	.47 (11.9)
PLO-15	1.88 (47.8)	.50 (12.7)	.50 (12.7)	.040 (1.0)	.63 (16.0)

General Note

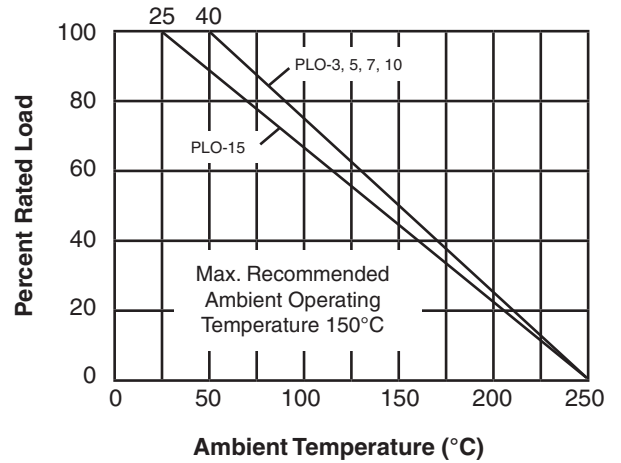
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PLO Series

Temperature Rise Chart



Power Derating Curve



Ordering Procedure

This product has two valid part numbers:

European (Welwyn) Part Number: PLO3-R01JI (PLO3, 10 milliohms $\pm 5\%$, Pb-free)



1	2	3	4	5
Type	Configuration	Value	Tolerance	Packing & Termination Finish
PLO3	Omit for Standard	R = ohms	F* = $\pm 1\%$	I = Standard packing & Pb-free
PLO5	A = Alternate		G = $\pm 2\%$	Bulk pack
PLO7			H = $\pm 3\%$	
PLO10			J* = $\pm 5\%$	
PLO15			K = $\pm 10\%$	

* preferred

USA (IRC) Part Number: PLO3R010JLF (PLO3, 10 milliohms $\pm 5\%$, Pb-free)



1	2	3	4	5
Type	Configuration	Value	Tolerance	Packing & Termination Finish
PLO3	Omit for Standard	R = ohms	F* = $\pm 1\%$	Omit for SnPb
PLO5	A = Alternate		G = $\pm 2\%$	LF = Pb-free
PLO7			H = $\pm 3\%$	Bulk pack
PLO10			J* = $\pm 5\%$	
PLO15			K = $\pm 10\%$	

* preferred

General Note

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[RWR81SR619FRBSL](#) [RWR89S9310FPB12](#) [27J1K0](#) [93J62RE](#) [AC10000002208JAB00](#) [1HJ-25](#) [FSQ5WR47J](#) [25J39K](#) [25J5R0-B](#) [25W1D0](#)
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