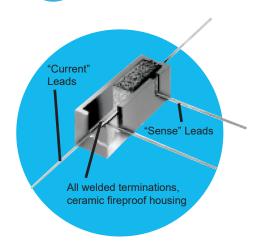
Resistors

Electronics

Four-Terminal Current-Sensing Wirewound Resistor

4LPW Series

- $TC = \pm 40 \text{ppm/}^{\circ}C$
- 3 watts to 15 watts
- 0.005 ohm to 1.0 ohm
- ±1%, ±2, ±3, ±5, ±10% tolerance
- Flameproof construction



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

Electrical Data

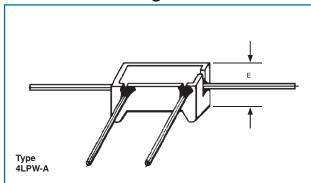
IRC Type	Power @ 25°C (watts)	Max. Current (amps)	Resistance Range (ohms)	
4LPW-3	3	10	.005 TO 1.0	
4LPW-5	5	10	.005 TO 1.0	
4LPW-7	7	20	.01 TO 1.0	
4LPW-10	10	20	.01 TO 1.0	
4LPW-15	15	20	.01 TO 1.0	

Please note: When ordering the alternate configuration please add an "A" after the part number. (4LPW-3A)

Standard Configuration

1.50 ± .062 (38.1 ± 1.6) Туре

Alternate Configuration



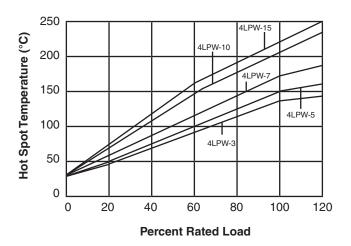
Dimensions (Inches (mm))

IRC Type	L ±.063 (1.6)	W ±.03 (.8)	H ±.03 (.8)	S ±.062 (1.6)	D Diameter	E ±.03 (.8)
4LPW-3	.88 (22.4)	.31 (7.87)	.31 (7.87)	.563 (14.3)	.036 (.9)	.38 (9.65)
4LPW-5	.88 (22.4)	.38 (9.65)	.35 (8.89)	.563 (14.3)	.036 (.9)	.41 (10.4)
4LPW-7	1.39 (35.3)	.38 (9.65)	.35 (8.89)	1.013 (25.7)	.036(.9)	.47 (11.9)
4LPW-10	1.88 (47.8)	.38 (9.65)	.35 (8.89)	1.388 (35.3)	.036(.9)	.47 (11.9)
4LPW-15	1.88 (47.8)	.50 (12.7)	.50 (12.7)	1.388 (35.3)	.036 (.9)	.63 (16.0)

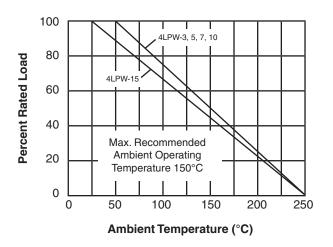
BI Technologies IRC Welwyn **4LPW Series**



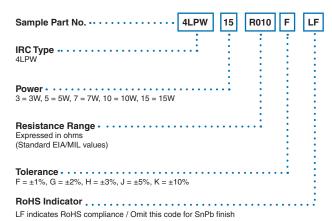
Temperature Rise Chart



Power Derating Curve



Ordering Data



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HPCR0402F24K0K9 HPCR0402F27K0K9 HPCR0402F2K00K9 HPCR0402F33K0K9 HPCR0402F430KK9 HPCR0402F4K30K9

HPCR0402F4K70K9 HPCR0402F680KK9 HPCR0402F680RK9 HPCR0402F390KK9 HPCR0402F39K0K9 HPCR0402F3K00K9 HPCR0402F560KK9 HPCR0402F560KK9 HPCR0402F560KK9 HPCR0402F56K0K9 HPCR0402F5K00K9 HPCR0402F5K00K9 HPCR0402F5K00K9 HPCR0402F5K00K9 HPCR0402F6Z0KK9 HPCR0402F6Z0KS9 HPCR0402F6Z0KS9 HPCR0402F6Z0KS9 HPCR0402F6Z0KS9 HPCR0402F8Z0KS9 HPCR0402F910KK9

HPCR0402F8ZK0K9 HPCR0402F910KK9
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