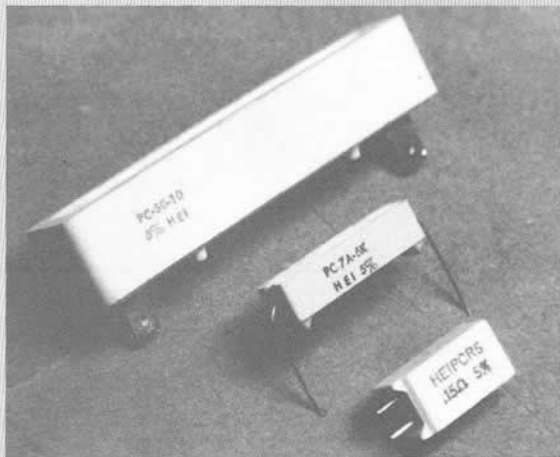


HUNTINGTON ELECTRIC, INC.



CERAMIC HOUSED WIREWOUND RESISTORS PAGE 22



Huntington Electric offers a variety of ceramic housed wirewound resistors designed to economically function in your most critical application. This new catalog describes the series including ordering information.

With rated power from 2 to 50 watts and tolerances from .01 to 10%, Huntington can handle almost any commercial power resistor application available.

Ceramic packages with radial-leaded vertical mounts and standard axial-leaded horizontal packages allow the designer a wide variety of options in power, size and location.

Resistor elements include wirewound, metal oxide and metal film all cast with inorganic fireproof potting compound. Core materials from ceramic to fiberglass offer a variety of precision, value and safety factors.

The final fireproof package is both rugged and dependable, capable of handling a wide variety of difficult environments.

Contact your authorized HEI representative or Huntington direct to discuss your important application with us.

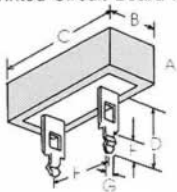
We will be happy to quote, sample and manufacture to your specific requirement upon request. Give us a call.

CERAMIC HOUSED WIREWOUND RADIAL LEADED AND LOW VALUE



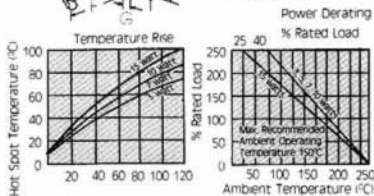
PCR SERIES

(Printed Circuit Board Mounted Resistor)



CERAMIC ENCASED RESISTOR

- 5 watts through 15 watts
- Tolerance 5% and 10%
- Wirewound construction on fibreglass core
- For low value resistance .01 ohm to 1 ohm, tolerance 1%, 3% and 5% specify series PLV
- Labor saving mount
- Inexpensive
- Flameproof

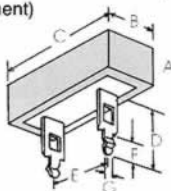


HEI TYPE	A (.030)	B (.030)	C (.050)	D (.030)	E (.020)	F (.010)	G (.005)	RESISTANCE RANGE
PCR-5	.360	.375	1.080	.590	.590	.180	.059	1 ohm-500 ohm
PCR-7	.360	.375	1.400	.590	.886	.180	.059	1 ohm-500 ohm
PCR-10	.360	.375	1.900	.690	1.380	.180	0.59	1 ohm-1000 ohm
PCR-15	.500	.500	1.900	.690	1.280	.180	.059	1 ohm-1000 ohm

*Parentheses signify ± tolerances.

PLV SERIES

(Printed Circuit Board Mounted Resistor)
(Metallic Fused Element)



- Inexpensive
- Flameproof
- TCR-300 PPM
- All ceramic construction
- All welded construction
- Labor saving mount

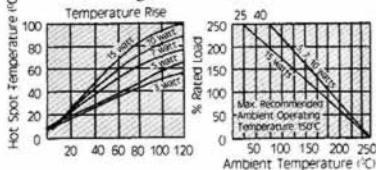
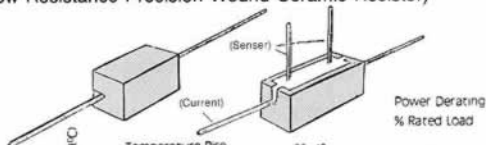
CERAMIC ENCASED RESISTOR

HEI TYPE	HEI TYPE	A (.030)	B (.030)	C (.050)	D (.030)	E (.020)	F (.010)	G (.005)	RESISTANCE RANGE OHMS
PCR Type	PCR-5	.360	.375	1.080	.590	.590	.180	.059	200-10K
	PCR-7	.360	.375	1.400	.590	.886	.180	.059	200-10K
PLV Type	PLV-5	.360	.375	1.080	.590	.590	.180	.059	.01-1
	PLV-7	.360	.375	1.400	.590	.886	.180	.059	.01-2
	PLV-10	.360	.375	1.900	.690	1.380	.180	.059	.01-3
	PLV-15	.500	.500	1.900	.690	1.280	.180	.059	.01-4

*Parentheses signify ± tolerances.

PCL SERIES (2&4) TERMINAL TYPE

(Low Resistance Precision Wound Ceramic Resistor)



CERAMIC ENCASED RESISTOR

- 3 watts through 15 watts
- Two terminal or four terminal
- Tolerance .5%, 1%, 2% and 5%
- Resistance .01 ohm to 1.0 ohm
- All welded construction
- Flameproof

HEI TYPE	POWER AT 25°C (watts)	MAX. CURRENT (amps.)	RESISTANCE RANGE (ohms)
PCL-3	3	10	.01 to 1.0
PCL-5	5	10	.01 to 1.0
PCL-7	7	20	.01 to 1.0
PCL-10	10	20	.01 to 1.0
PCL-15	15	20	.01 to 1.0

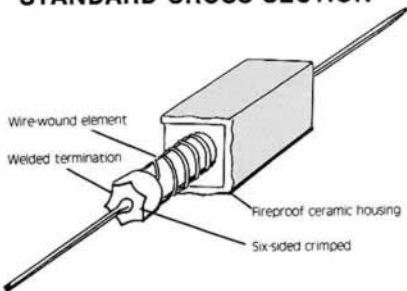
NOTE: Test points for 3 and 5 watt are 1.750 inches.
Test points for 7, 10 and 15 watt are 2.500 inches.

ORDERING INFORMATION PCR-5 - 100 - 5% - 3

TYPE WATTAGE RESISTANCE TOLERANCE SPECIAL ORDER INFORMATION

CERAMIC HOUSED WIREWOUND AXIAL LEADED STANDARDS/TAB MOUNT

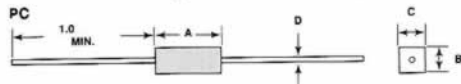
STANDARD CROSS SECTION



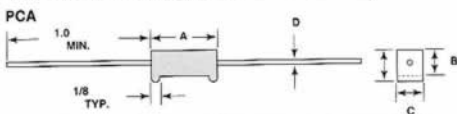
STANDARD FEATURES

- Ceramic housing
- Axial leads
- 3 watts to 50 watts
- 5% or 10%
- 1 ohm to 40K ohm
- Temperature Coefficient
 - 800 ppm below 1 ohm
 - 300 ppm above 1 ohm
- Fireproof construction
- High temperature potting compound
- Solvent resistant

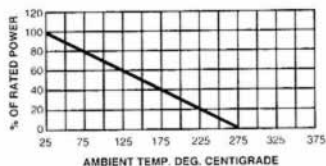
Standard Configuration - PC Style



Alternate Configuration - PCA Style



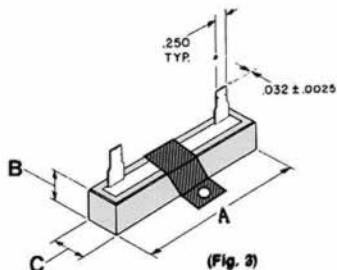
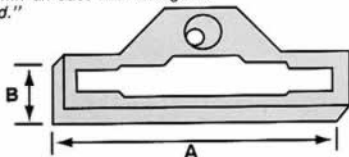
HEI TYPE	WATTS	A	B	C	D	RESISTANCE RANGE
PC-3	3	.875	.3125	.3125	.032	1 ohm 10K ohm
PC-5	5	.875	.375	.375	.032	1 ohm 10 ohm
PC-7	7	1.400	.375	.375	.032	1 ohm 27K ohm
PC-10	10	1.875	.375	.375	.036	1 ohm 30 K ohm
PC-15-20	15	1.875	.500	.500	.036	1 ohm 40K ohm
PC-22-25	22-25	2.500	.500	.500	.036	1 ohm 40K ohm
PC-30	30	3.00	.600	**	**	10HM40K ohm
PC-40	40	3.00	.75	.75	*	1 ohm 30K ohm
PC-50	50	3.500	.75	.75	*	1 ohm 40K ohm



*Quick Connect Terminals (fig. 3)

Bracket Available

"Resistor elements including wirewound, metal oxide and metal film all cast with inorganic potting compound."



(Fig. 3)

ORDERING INFORMATION

PC-5 - 1.5K - 5% - 3

TYPE

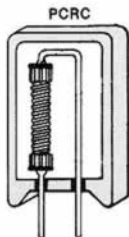
WATTAGE

RESISTANCE

TOLERANCE

SPECIAL
ORDER
INFORMATION

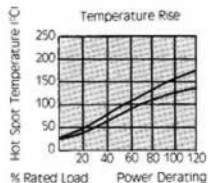
CERAMIC HOUSED WIREWOUND VERTICAL MOUNT RADIAL LEAD



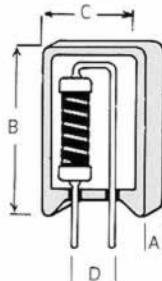
- 2 watts through 10 watts
- Tolerance 5% and 10%
- Resistance .1 ohm to 300 ohm
- Construction of our series PCRC
- Wound on Fiberglass Core
- Five sided crimp
- Welded cap and lead assembly

- For values .01 ohm to 1 ohm, and close tolerances, we recommend our PCRL series
- Space and labor saving design
- TCR under 400 PPM

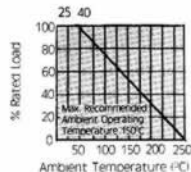
TYPE	WATTS	A (.039)	B (.059)	C (.039)	D (.059)	RESISTANCE (ohms)
PCRC-2	2	.280	.820	.435	.200	.1-2K
PCRC-3	3	.380	.975	.475	.200	.1-2K
PCRC-5	5	.380	.990	.520	.200	.1-10K
PCRC-7	7	.380	1.520	.520	.200	2-15K
PCRC-10	10	.480	1.375	.635	.300	2-20K



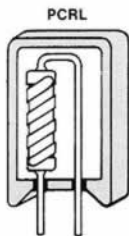
- 3 watts and 5 watts
- Tolerance 5% and 10%
- Resistance 100 ohm to 10K ohm
- Construction of series PCRM
- Ceramic substrate
- Metal oxide element
- All welded construction
- Hi-temperature encasement
- Labor and space saving designs
- TCR's less than 300 PPM
- Flameproof construction
- Value 100 ohm above



TYPE	WATTS	A (.039)	B (.059)	C (.039)	D (.059)	RESISTANCE (ohms)
PCRM-3	3	.380	.975	.475	.200	1-40K
PCRM-5	5	.380	.990	.520	.200	1-40K



"Resistor elements include wirewound, metal oxide and metal film all cast with inorganic fireproof potting compound."



- 2 watts through 10 watts
- Resistance .01 to 1.0 ohm
- Tolerances 0.5% to 5%
- Wire or ribbon element
- All welded construction
- Space and labor saving designs
- TCR less than 300 PPM

TYPE	POWER AT 25°C (watts)	MAX. CURRENT (amps.)	RESISTANCE RANGE (ohms)
PCRL-2	2	.7	.01-1.0
PCRL-3	3	1.0	.01-1.0
PCRL-5	5	1.0	.01-1.0
PCRL-7	7	2.0	.02-1.0
PCRL-10	10	2.0	.02-1.0

ORDERING INFORMATION PCRC - 100 - 5% - 3

TYPE WATTAGE RESISTANCE TOLERANCE SPECIAL ORDER INFORMATION