

# RESISTORS

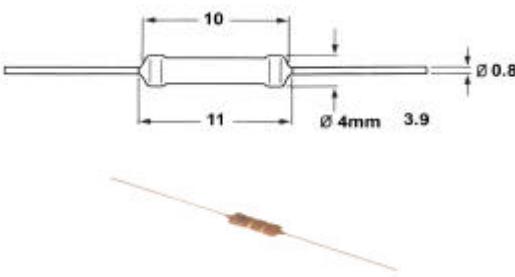
SEMTRONICS P/L

## METAL FILM RESISTORS

### PRO2 2 WATT 5%

A homogeneous film of metal alloy is deposited on a high grade ceramic body. The resistors are coated with a red non flammable lacquer which provides electrical, mechanical and climatic protection.

Resistance range - 1 ? to 1M?  
 Lower tolerance on resistance - -5%  
 Upper tolerance on resistance - +5%  
 Max. body temperature (hot spot) - 220°C  
 Nom. Dissipation at Tamb = 70°C - 2W  
 Limiting voltage, r.m.s - 500V



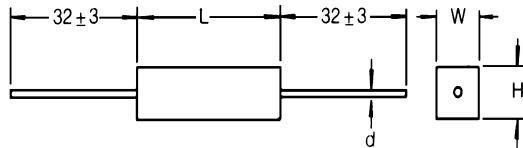
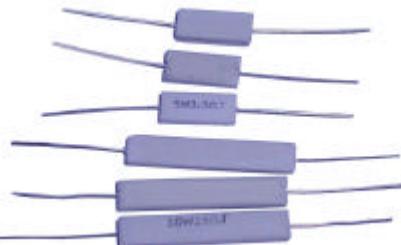
AVAILABLE ONLY IN PACKETS OF 100 AND BOXES OF 1000

Part Number	Value										
PRO2/1R	???	PRO2/10R	???	PRO2/100R	?????	PRO2/1K	1K	PRO2/10K	10K	PRO2/100K	100K
PRO2/1R2	?????	PRO2/12R	???	PRO2/120R	?????	PRO2/1K2	1K2	PRO2/12K	12K	PRO2/120K	120K
PRO2/1R5	?????	PRO2/15R	???	PRO2/150R	?????	PRO2/1K5	1K5	PRO2/15K	15K	PRO2/150K	150K
PRO2/1R8	?????	PRO2/18R	???	PRO2/180R	?????	PRO2/1K8	1K8	PRO2/18K	18K	PRO2/180K	180K
PRO2/2R2	?????	PRO2/22R	???	PRO2/220R	?????	PRO2/2K2	2K2	PRO2/22K	22K	PRO2/220K	220K
PRO2/2R7	?????	PRO2/27R	???	PRO2/270R	?????	PRO2/2K7	2K7	PRO2/27K	27K	PRO2/270K	270K
PRO2/3R3	?????	PRO2/33R	???	PRO2/330R	?????	PRO2/3K3	3K3	PRO2/33K	33K	PRO2/330K	330K
PRO2/3R9	?????	PRO2/39R	???	PRO2/390R	?????	PRO2/3K9	3K9	PRO2/39K	39K	PRO2/390K	390K
PRO2/4R7	?????	PRO2/47R	???	PRO2/470R	?????	PRO2/4K7	4K7	PRO2/47K	47K	PRO2/470K	470K
PRO2/5R6	?????	PRO2/56R	???	PRO2/560R	?????	PRO2/5K6	5K6	PRO2/56K	56K	PRO2/560K	560K
PRO2/6R8	?????	PRO2/68R	???	PRO2/680R	?????	PRO2/6K8	6K8	PRO2/68K	68K	PRO2/680K	680K
PRO2/8R2	?????	PRO2/82R	???	PRO2/820R	?????	PRO2/8K2	8K2	PRO2/82K	82K	PRO2/820K	820K
	?		?		?					PRO2/1M	1M

## WIRE WOUND RESISTORS

- Heat and moisture resistant
- Low noise and very stable

- Heat and moisture resistant
- Low noise and very stable
- Inert ceramic case with non flammable compound filling
- Fibreglass core for operation at high ambient temperatures



Type	Power Rating	L (? 0.5)	D (? 0.3)	d (? 0.02)	Maximum Working Voltage
PW5	5W	22.0	9.5	0.08	350V
PW10	10W	48.0	9.5	0.08	750V
XW2	2W	17.00	4.0	0.08	350V

### PW10 10 WATT 10%

## CERAMIC WIRE WOUND RESISTORS

Part Number	Value	Part Number	Value
PW101R	?????	PW1010R	?????
PW101R2	?????	PW1012R	?????
PW101R5	?????	PW1015R	?????
PW101R8	?????	PW1018R	?????
PW102R2	?????	PW1022R	?????
PW102R7	?????	PW1027R	?????
PW103R3	?????	PW1033R	?????
PW103R9	?????	PW1039R	?????
PW104R7	?????	PW1047R	?????
PW105R6	?????	PW1056R	?????
PW106R8	?????	PW1068R	?????
PW108R2	?????	PW1082R	?????
PW1010R	???	PW101K	1K?
PW1012R	???	PW101K2	1K2
PW1015R	???	PW101K5	1K5
PW1018R	???	PW101K8	1K8
PW1022R	???	PW102K2	2K2
PW1027R	???	PW102K7	2K7
PW1033R	???	PW103K3	3K3
PW1039R	???	PW104K7	4K7
PW1047R	???	PW105K6	5K6
PW1056R	???	PW106K8	6K8
PW1068R	???	PW108K2	8K2
PW1082R	???	PW1010K	10K
PW1010R	?????	PW1012K	12K

### XW2 2 WATT 10%

## MINIATURE COATED WIRE WOUND RESISTORS

Part Number	Value	Part Number	Value
XW20R1	?????	XW233R	???
XW20R15	?????	XW247R	???
XW20R22	?????	XW268R	???
XW20R33	?????	XW282R	???
XW20R47	?????	XW2100R	?????
XW21R	???	XW2150R	?????
XW22.2R	?????	XW2180R	?????
XW23.3R	?????	XW2220R	?????
XW24.7R	?????	XW2270R	?????
XW26.8R	?????	XW2330R	?????
XW210R	???	XW2390R	?????
XW212R	???	XW2470R	?????
XW215R	???	XW2560R	?????
XW218R	???	XW2680R	?????
XW222R	???	XW2820R	?????
	?	XW21K	1K