



- MEGASTAR-OHM Power Chip Resistors
- Molded Encapsulation
- Temperature Coefficient of $\pm 100\text{ppm}/^\circ\text{C}$
- Other Resistive Values Available

PERFORMANCE CHARACTERISTICS

ELECTRICAL	SWW 1	SWW 2
Power Rating (watts) Derated to 0 Load at Maximum Working Voltage	1 @ 70°C 180°C PR	2 @ 70°C 180°C PR
Operating Temperature Range Resistance Range Tolerance	-55°C to 180°C 0.51 - 100 $\pm 1\%$ & $\pm 5\%$	-55°C to 180°C 1 - 100 $\pm 1\%$ & $\pm 5\%$
Dielectric Withstand Voltage Insulation Resistance	500 volts RMS 100 meg min.	500 volts RMS 100 meg min.

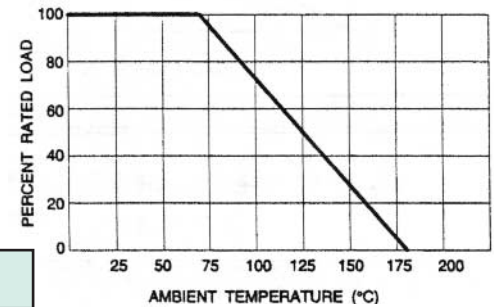
ENVIRONMENTAL (Operating Temperature Range: -55°C to 180°C)

Load Moisture Load Life @ 70°C - 1000 hrs.	$\pm 2\%$ $\pm 2\%$	$\pm 2\%$ $\pm 2\%$
Resistance to Soldering Heat Short Time Overload	$\pm 0.5\%$ $\pm 0.5\%$	$\pm 0.5\%$ $\pm 0.5\%$

DIMENSIONS: Inches (mm)

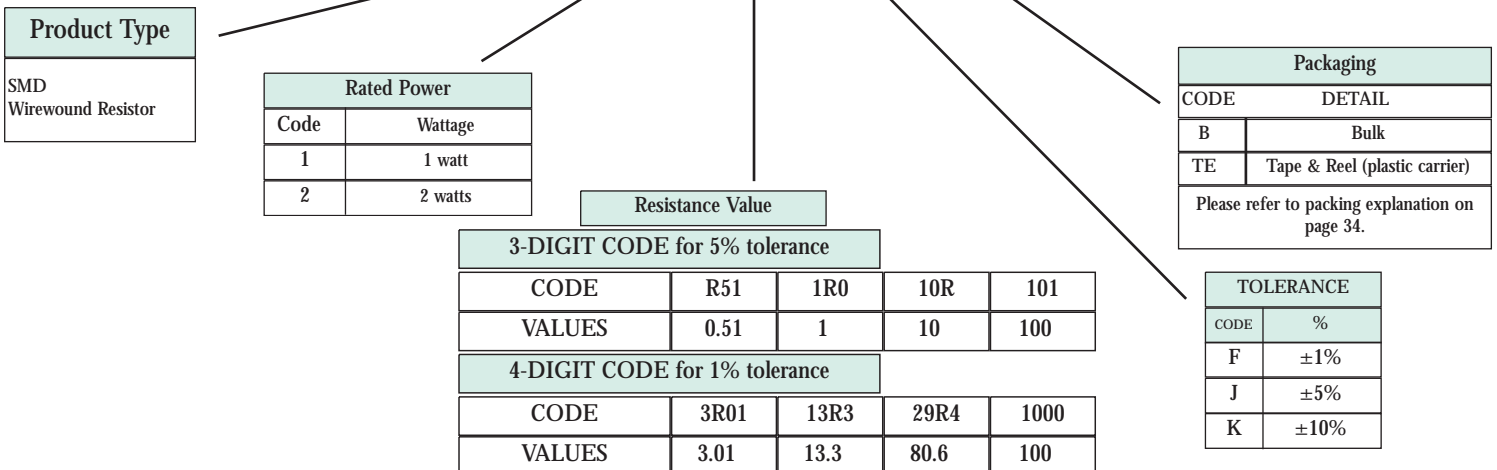
FEATURE	SWW 1	SWW 2
L - Body Length	.30 \pm .02(7.5 \pm 0.5)	.49 \pm .02(12.5 \pm 0.5)
W ₁ - Body Width	.18 \pm .01(4.5 \pm 0.3)	.24 \pm .01(6.0 \pm 0.3)
W ₂ - Terminal Width	.10 \pm .01(2.5 \pm 0.3)	.16 \pm .01(4.0 \pm 0.3)
H ₁ - Body Height	.14 \pm .01(3.5 \pm 0.5)	.16 \pm .01(4.0 \pm 0.3)
H ₂ - Side Termination	.09 \pm .01(2.2 \pm 0.3)	.09 \pm .01(2.4 \pm 0.3)
P - Bottom Termination	.05 \pm .01(1.2 \pm 0.3)	.08 \pm .01(2.0 \pm 0.3)

DERATING CURVE



Part Numbering System

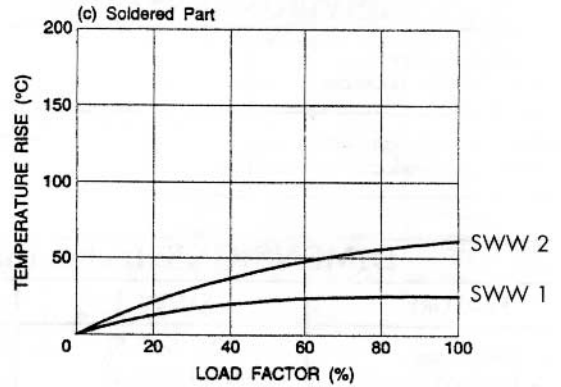
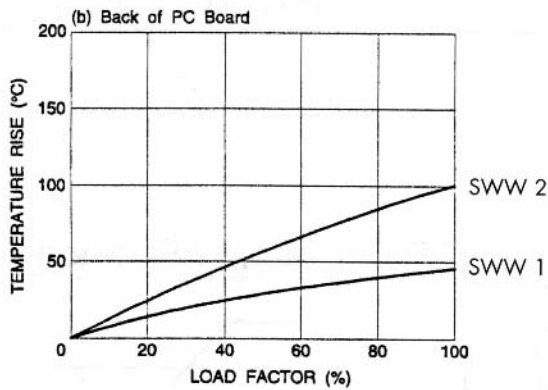
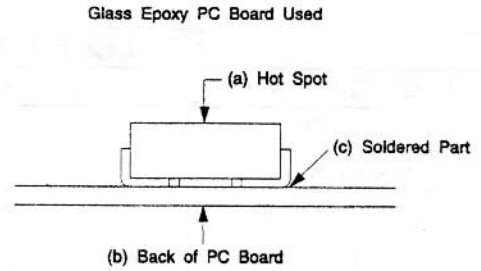
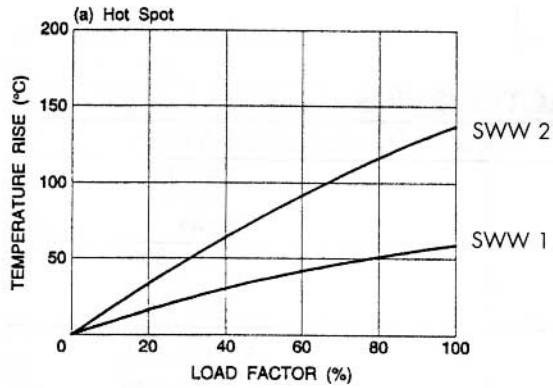
SWW 1 XXX J T



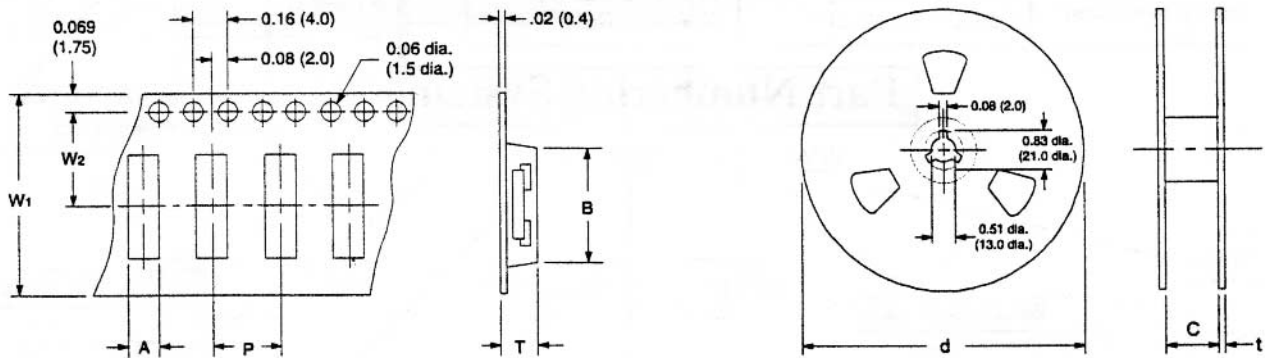


PERFORMANCE DATA

Temperature Rise Curves



PACKAGING: Units (mm)



Style	A	B	W1	W2	P	T	d	C	t
SWW 1	0.20 (5.1)	0.32 (8.2)	0.63 (16.0)	0.30 (7.5)	0.31 (8.0)	0.16 (4.0)	13.0 (330)	0.69 (17.5)	0.06 (1.6)
SWW 2	0.26 (6.6)	0.52 (13.2)	0.94 (24.0)	0.45 (11.5)	0.31 (8.0)	0.18 (4.5)	13.0 (330)	1.00 (25.5)	0.06 (1.6)