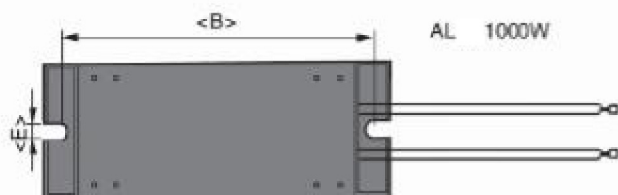
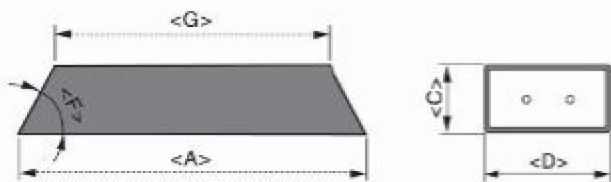
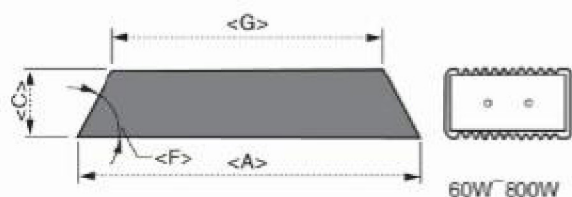


AL LARGE CAPACITY METAL-CLAD WIRE WOUND RESISTOR

SRPASSIVES



SPECIFICATIONS

(W) Power Rating	Dimensions (mm)							(Ω) Resistance Range
	A ± 2	B ± 2	C ± 1	D ± 1	E ± 1	F ± 1	G ± 2	
AL - 60W	115	100	20	40	5.2	45°	75	0.1~10K
AL - 80W	140	125	20	40	5.2	45°	100	0.1~10K
AL - 100W	165	150	20	40	5.2	45°	125	0.1~10K
AL - 120W	190	175	20	40	5.2	45°	150	0.15~15K
AL - 150W	215	200	20	40	5.2	45°	175	0.15~15K
AL - 200W	165	150	30	60	5.2	60°	130	0.3~20K
AL - 300W	215	200	30	60	5.2	60°	180	0.5~30K
AL - 400W	265	250	30	60	5.2	60°	230	0.5~30K
AL - 500W	240	225	40	80	5.2	60°	195	0.5~30K
AL - 600W	335	320	30	60	5.2	60°	300	1~50K
AL - 800W	400	385	40	80	5.2	60°	355	1~50K
AL - 1000W	400	380	50	100	5.2	60°	345	1~100K

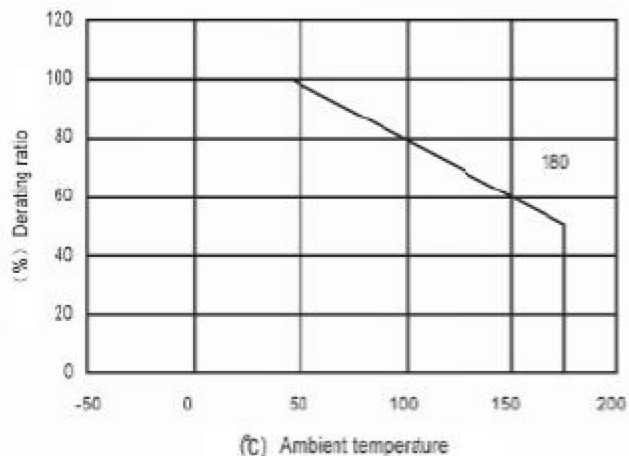
AL LARGE CAPACITY METAL-CLAD WIRE WOUND RESISTOR

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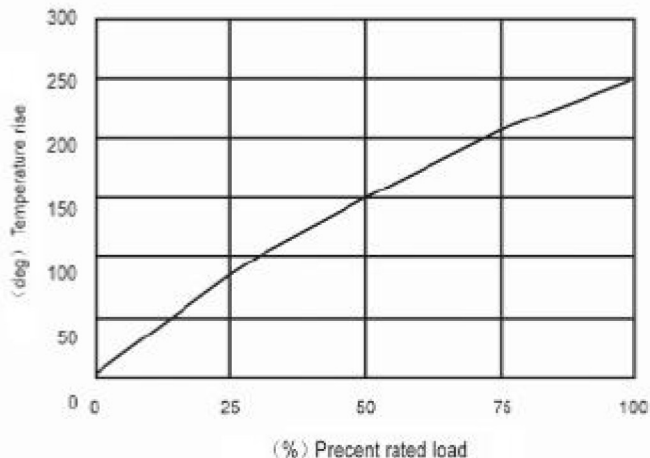
ELECTRICAL PERFORMANCE

Characteristics	Limits	
Resistance and resistance tolerance	Resistance nominal $1\Omega \leq R$ $1\Omega > R$	Resistance tolerance $\pm 5\%$ (J) $\pm 10\%$ (K)
Temperature coefficient	$\pm 200\text{ppm}/^\circ\text{C}$ max.	
Power rating load	$\Delta R/R \leq \pm(1\% + 0.05\Omega)$ (temperature) 350°C max.	
Short-time overload	$\Delta R/R \leq \pm(2\% + 0.05\Omega)$	
Insulation resistance	DC500V 100M Ω min.	
Dielectric withstanding voltage	$\Delta R/R \leq \pm(1\% + 0.05\Omega)$ AC2000V 1 minute	

Power Derating Curve



Temperature Rise



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[SMW52R7JT](#) [SMW57R5JT](#) [SMW5R33JT](#) [SMW5R39JT](#) [SMW551RJT](#) [SMW5R11JT](#) [RWS5 82R F B](#) [RWS5 1R F B](#) [RWS5 120R F B](#)
[RWS5 10R F B](#) [RWS5 100R J B](#) [SMW51R2JT](#) [SMW512RJT](#) [ACS-10S-15R-J](#) [PRZDAWJW101B00](#) [SMW3300RJT](#) [RW7S0FB180RJET](#)
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[QL0000J0470100](#) [QL0000J047J100](#) [QL0050J0362000](#) [QL0050J0470000](#) [R100W-10R](#) [R100W-22R](#) [R100W-4R7](#) [R150W-470R](#)
[HEWRB0J0220600](#) [R200W-22R](#) [R50W-10R](#) [R50W-22R](#) [R50W-2R2](#) [R80W-47R](#) [SMW5R51JT](#) [SMW5R36JT](#) [SMW5R24JT](#)