

EN: This Datasheet is presented by the manufacturer.

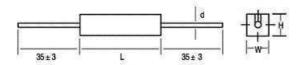
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RESISTORS

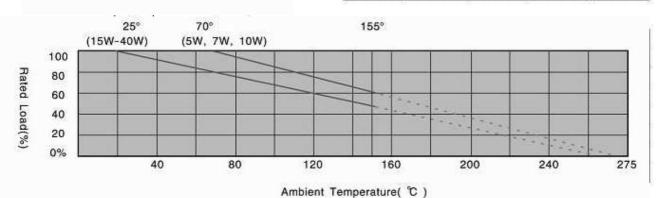
CR CEMENT RESISTOR

CRL



Dimensions(mm) Watt W H d±0.1 13.5 ± 1.0 6.0 ± 1.0 6.0 ± 1.0 0.6 2 18±1.0 7.0 ± 1.0 7.0 ± 1.0 0.6 3 22±1.0 8.0±1.0 8.0 ± 1.0 0.8 22±1.0 9.5±1.0 9.5 ± 1.0 0.8 5 7 35 ± 1.5 9.5±1.5 9.5 ± 1.0 8.0 10 48±1.5 9.5 ± 1.5 9.5 ± 1.0 0.8 48 ± 1.5 13 ± 1.2 13±1.2 8.0 15 20 60 ± 2.0 13±1.2 13±1.2 0.8 75 ± 2.5 0.8 30 19±1.2 17±1.2 40 89 ± 2.5 19±1.2 19 ± 1.2 0.8

POWER DERATING CURVE



SPECIFICATIONS

Test Items	Condition	Spec.
Terminal Strength	Pull with 4.5kg	Can withstand
Solder ability of Terminal	230°C 3 secs. dipping	not less than 3/4, 230°C ,3 secs, dipping
Heat Resistance	350°C 3.5 secs	± (2%+0.05Ω)
Resistor Body Strength	10kg -10 secs	Can withstand
Dielectric Strength	1000V, 1 min applied	±(0.5%+0.05Ω)
Insulation Resistance	500V megger	1000ΜΩ
Rated Load Characteristic	rate voltage -30min.	±2%
Short-Time Overload	2.5 times of RCWV for 5 secs	± (2%+0.05Ω)
Resistance Temp. Coeff.	-30°C - +155°C	±50 ~ 800 PPM/℃
Moisture-Proof Load Life	40°C 95% RH 1.5hrs on/0.5hr off for 1000hrs.	± (5%+0.05Ω)
Load Life	70°C at rated power 1.5 hrs on;0.5hrs off for 1000 hrs	±(5%+0.05Ω)
Temp. Cycling	-30℃ /+85℃ for 5 cycles	±(1%+0.05Ω)

^{*}RCWV: Rated Continuous Working Voltage