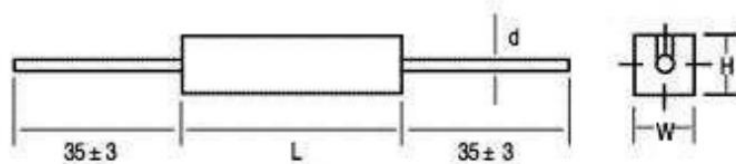


# paXive

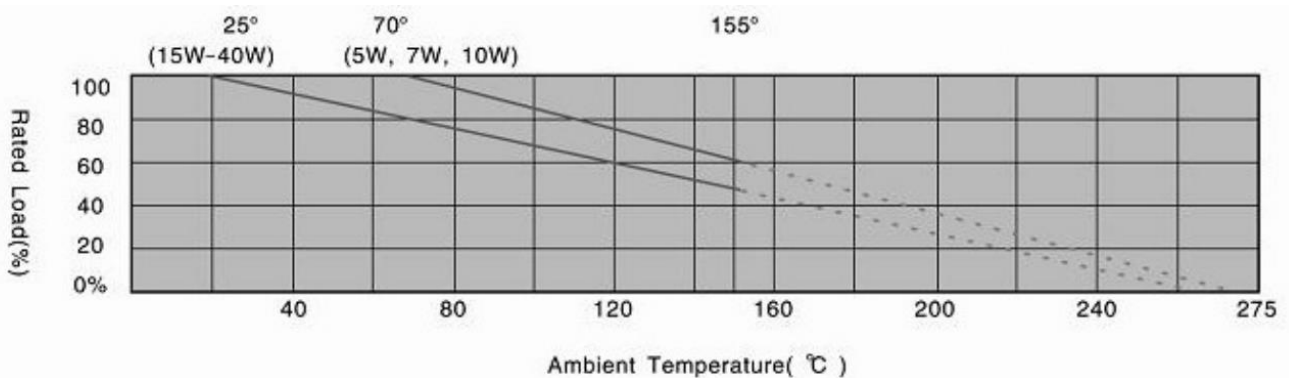
## PXCR Cement Resistors Series

### Dimensions



Watt	Dimensions(mm)			
	L	W	H	$d \pm 0.1$
1	$13.5 \pm 1.0$	$6.0 \pm 1.0$	$6.0 \pm 1.0$	0.6
2	$18 \pm 1.0$	$7.0 \pm 1.0$	$7.0 \pm 1.0$	0.6
3	$22 \pm 1.0$	$8.0 \pm 1.0$	$8.0 \pm 1.0$	0.8
5	$22 \pm 1.0$	$9.5 \pm 1.0$	$9.5 \pm 1.0$	0.8
7	$35 \pm 1.5$	$9.5 \pm 1.5$	$9.5 \pm 1.0$	0.8
10	$48 \pm 1.5$	$9.5 \pm 1.5$	$9.5 \pm 1.0$	0.8
15	$48 \pm 1.5$	$13 \pm 1.2$	$13 \pm 1.2$	0.8
20	$60 \pm 2.0$	$13 \pm 1.2$	$13 \pm 1.2$	0.8
30	$75 \pm 2.5$	$19 \pm 1.2$	$17 \pm 1.2$	0.8
40	$89 \pm 2.5$	$19 \pm 1.2$	$19 \pm 1.2$	0.8

### Power Derating Curve



## PXCR Cement Resistors Series



## PXCR Cement Resistors Series

### 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	$\pm(2\%+0.05\Omega)$
Resistor Body Strength	10kg -10 secs	Can withstand
Dielectric Strength	1000V, 1 min applied	$\pm(0.5\%+0.05\Omega)$
Insulation Resistance	500V megger	1000M $\Omega$
Rated Load Characteristic	rate voltage -30min.	$\pm 2\%$
Short-Time Overload	2.5 times of RCWV for 5 secs	$\pm(2\%+0.05\Omega)$
Resistance Temp. Coeff.	-30°C ~ +155°C	$\pm 50 - 800$ PPM/°C
Moisture-Proof Load Life	40°C 95% RH 1.5hrs on/0.5hr off for 1000hrs.	$\pm(5\%+0.05\Omega)$
Load Life	70°C at rated power 1.5 hrs on;0.5hrs off for 1000 hrs	$\pm(5\%+0.05\Omega)$
Temp. Cycling	-30°C / +85°C for 5 cycles	$\pm(1\%+0.05\Omega)$

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