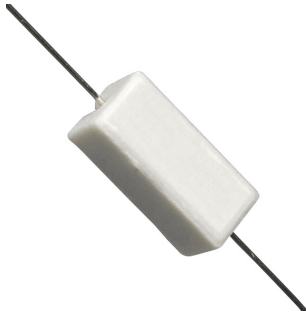


Cement Fixed Resistors

1 Watts

multicomp **PRO**

RoHS
Compliant



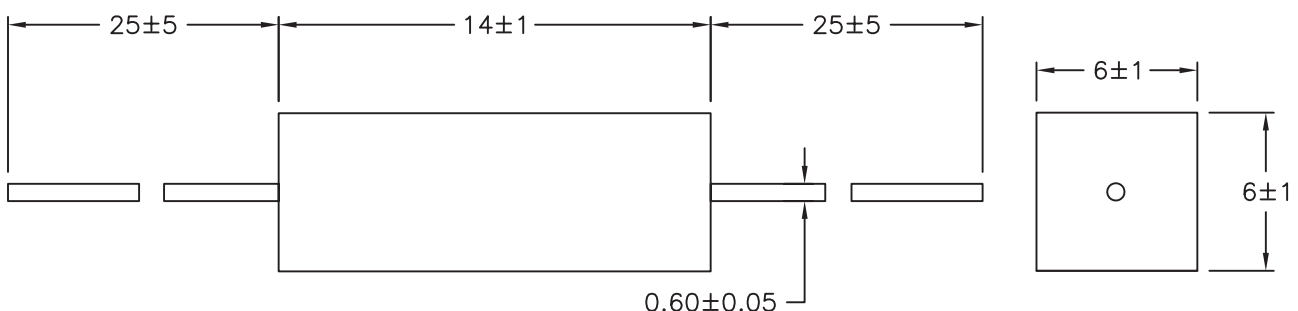
Features

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Product Type: Wire-wound Resistor
- Power Rating: 1 Watts
- Resistance Tolerance: $\pm 5\%$

Performance Specification

Temperature Coefficient	: $<20\Omega : \pm 400\text{PPM}/^\circ\text{C}; \geq 20 : \pm 350\text{PPM}/^\circ\text{C}$
Short-time Overload	: $\Delta R/R \leq \pm(5\% + 0.05\Omega)$, with no evidence of mechanical damage
Dielectric withstanding Voltage	: No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal Strength	: No evidence of mechanical damage.
Solderability	: Min. 95% coverage
Temperature Cycling	: $\Delta R/R \leq \pm(2\% + 0.05\Omega)$, with no evidence of mechanical damage
Humidity (Steady State)	: $\Delta R/R \leq \pm(5\% + 0.05\Omega)$, with no evidence of mechanical damage
Load life in Humidity	: For Wire-wound range, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $<100\text{k}\Omega$, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $\geq 100\text{k}\Omega$, the $\Delta R/R$ is $\pm 10\%$
Load life	: For Wire-wound range, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $<100\text{k}\Omega$, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $\geq 100\text{k}\Omega$, the $\Delta R/R$ is $\pm 10\%$
Resistance to solderability heat	: $\Delta R/R \pm(1\% + 0.05\Omega)$ with no evidence of mechanical damage

Diagram

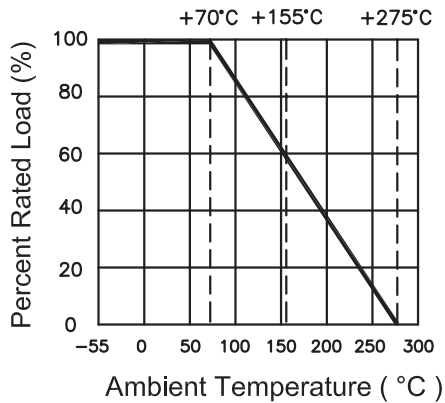


Dimensions : Millimetres

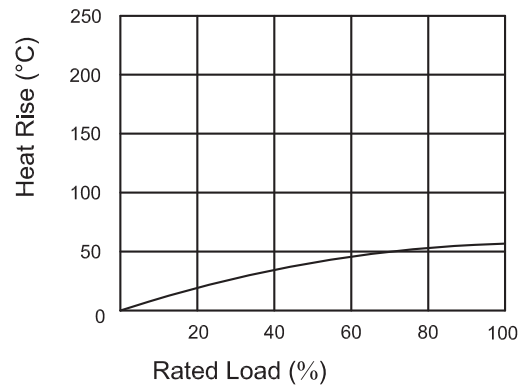
Cement Fixed Resistors

1 Watts

Derating Curve



Heat Rise Chart



Part Number Table

Description	Resistance Ω	Part Number	Description	Resistance Ω	Part Number
Cement Fixed Resistors, 1 Watts, $\pm 5\%$	100	MCPRW01WJP101B00	Cement Fixed Resistors, 1 Watts, $\pm 5\%$	270	MCPRW01WJP271B00
	1k	MCPRW01WJP102B00		2.7k	MCPRW01WJP272B00
	10k	MCPRW01WJP103B00		30	MCPRW01WJP300B00
	150	MCPRW01WJP151B00		300	MCPRW01WJP301B00
	1.5k	MCPRW01WJP152B00		3k	MCPRW01WJP302B00
	15k	MCPRW01WJP153B00		33	MCPRW01WJP330B00
	200	MCPRW01WJP201B00		330	MCPRW01WJP331B00
	2k	MCPRW01WJP202B00		3.3k	MCPRW01WJP332B00
	20k	MCPRW01WJP203B00		33k	MCPRW01WJP333B00
	24k	MCPRW01WJP243B00		390	MCPRW01WJP391B00
	25k	MCPRW01WJP253B00			

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