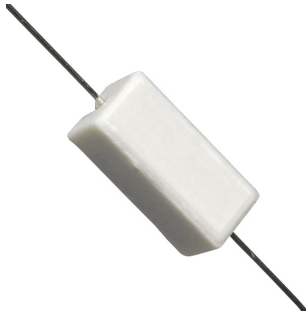


Cement Fixed Resistors

7 Watts

multicomp **PRO**

RoHS
Compliant



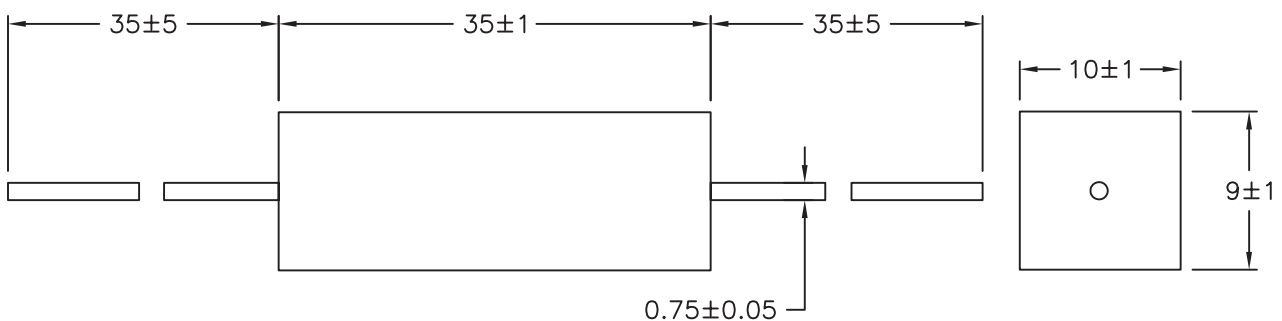
Features

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Product Type: Wire-wound Resistor
- Power Rating: 7 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

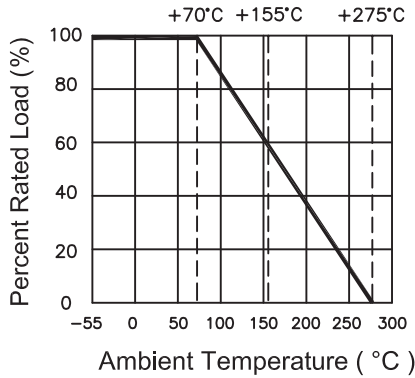


Dimensions : Millimetres

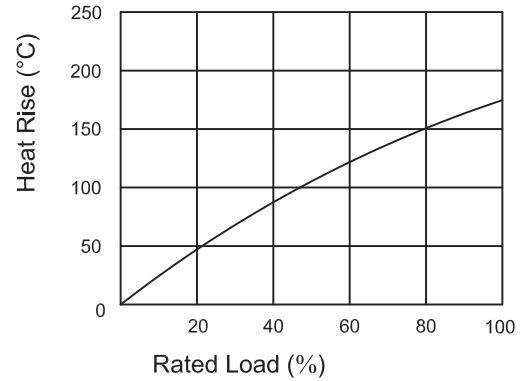
Cement Fixed Resistors

7 Watts

Derating Curve



Heat Rise Chart



Part Number Table

Description	Resistance Ω	Part Number	Description	Resistance Ω	Part Number
Cement Fixed Resistors, 7 Watts, $\pm 5\%$	10	MCPRW07WJW100B00	Cement Fixed Resistors, 7 Watts, $\pm 5\%$	330	MCPRW07WJW331B00
	100	MCPRW07WJW101B00		39	MCPRW07WJW390B00
	1	MCPRW07WJW10JB00		390	MCPRW07WJW391B00
	15	MCPRW07WJW150B00		3.9	MCPRW07WJW39JB00
	150	MCPRW07WJW151B00		43	MCPRW07WJW430B00
	20	MCPRW07WJW200B00		430	MCPRW07WJW431B00
	200	MCPRW07WJW201B00		47	MCPRW07WJW470B00
	2	MCPRW07WJW20JB00		470	MCPRW07WJW471B00
	27	MCPRW07WJW270B00		56	MCPRW07WJW560B00
	270	MCPRW07WJW271B00		560	MCPRW07WJW561B00
	30	MCPRW07WJW300B00		68	MCPRW07WJW680B00
	300	MCPRW07WJW301B00		680	MCPRW07WJW681B00
	3	MCPRW07WJW30JB00		75	MCPRW07WJW750B00
	33	MCPRW07WJW330B00		82	MCPRW07WJW820B00

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