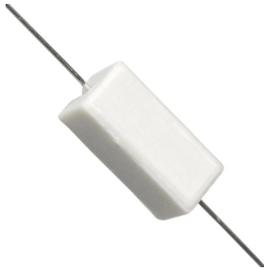


20 Watt Cement Fixed Resistors Wire-wound

multicomp PRO

**RoHS
Compliant**



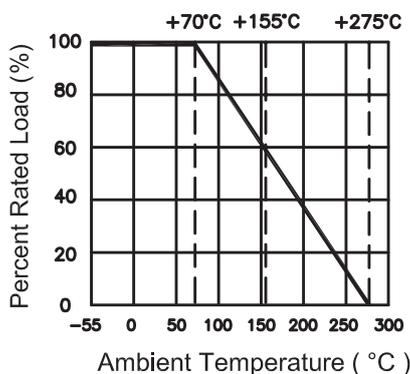
Features

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Product Type: Wire-wound Resistor
- Power Rating: 20 Watts
- Resistance Tolerance: $\pm 5\%$

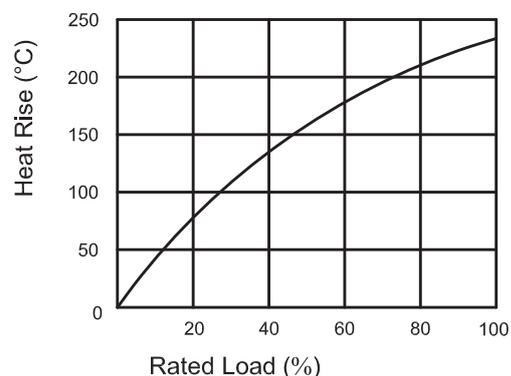
Performance Specification

Temperature Coefficient	: $<20\Omega$: $\pm 400\text{PPM}/^\circ\text{C}$: ≥ 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.

Derating Curve



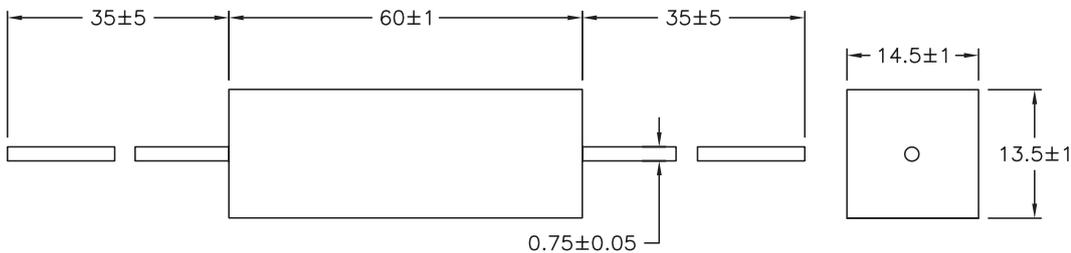
Heat Rise Chart



20 Watt Cement Fixed Resistors Wire-wound



Diagram



Dimensions : Millimetres

Part Number Table

Description	Resistance Ω	Part Number
20 watt Cement Fixed Resistors Wire-wound	10	MCPRW020JW100B00
	100	MCPRW020JW101B00
	150	MCPRW020JW151B00
	2.7	MCPRW020JW27JB00
	3.3	MCPRW020JW33JB00
	3.9	MCPRW020JW39JB00
	4.3	MCPRW020JW43JB00
	4.7	MCPRW020JW47JB00
	56	MCPRW020JW560B00
	5.6	MCPRW020JW56JB00
	68	MCPRW020JW680B00
	680	MCPRW020JW681B00
	6.8	MCPRW020JW68JB00
	75	MCPRW020JW750B00
	750	MCPRW020JW751B00
	82	MCPRW020JW820B00
	820	MCPRW020JW821B00
8.2	MCPRW020JW82JB00	

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