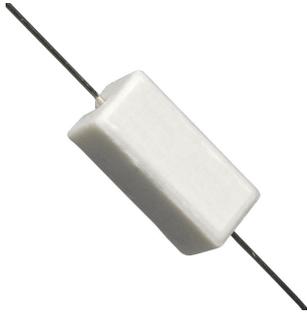


RoHS
Compliant



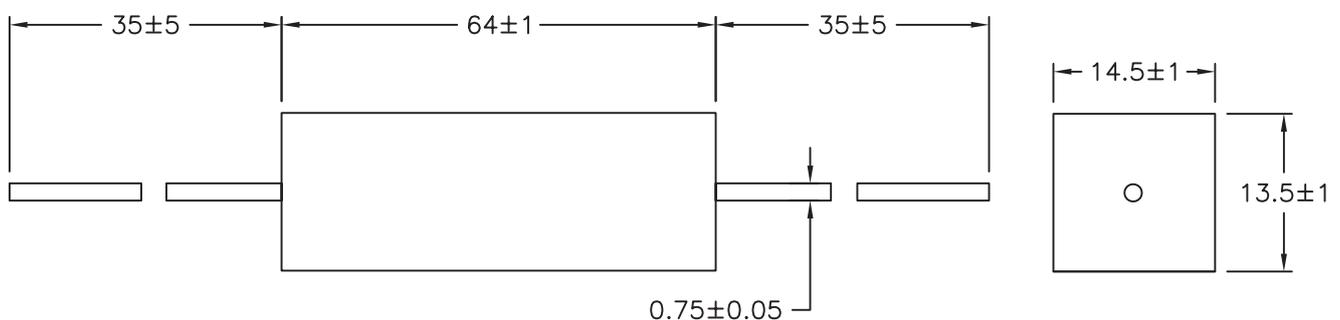
Features:

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe

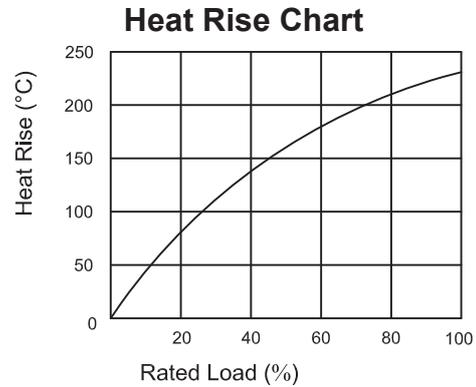
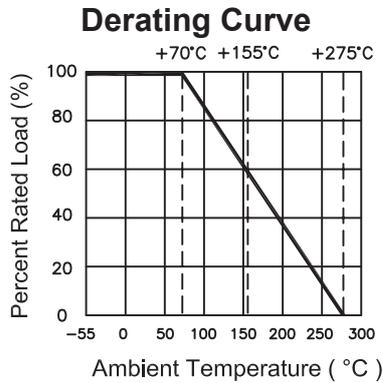
Performance Specification

Product Type	: Wire-wound resistor
Power Rating	: 25 Watts
Resistance Tolerance	: $\pm 5\%$
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



Explanation of Part Number

(Cement Fixed Resistors)

Example:

MCPRW0 **25** **J** **W100** **B** **0** **0**

Resistor Type: MCPRW0 = PRW Wattage: 25 = 25W Tolerance: J = ± 5% Resistance Value: W = Wire wound type Packing Type: B = Bulk /Box Packing Quantity: 0 = for Bulk/Box packing Special Feature: 0 = Standard product

E-24 series: the 1st digit to denote production type of the product:
 W = Wire wound type
 The 2nd and 3rd digits are for the significant figures of the resistance and the 4th digit denote number of zeros following
 Decimal point is expressed by:
 "J" ~ 0.1
 Ex.: 4.7Ω ~ 47J

Part Number Table

Description	Resistance (Ohms)	Part Number
Inductive Wirewound Resistors	2	MCPRW025JW20JB00
	2.7	MCPRW025JW27JB00
	3	MCPRW025JW30JB00
	3.3	MCPRW025JW33JB00
	3.9	MCPRW025JW39JB00

Description	Resistance (Ohms)	Part Number
Inductive Wirewound Resistors	4.3	MCPRW025JW43JB00
	4.7	MCPRW025JW47JB00
	5.6	MCPRW025JW56JB00
	6.8	MCPRW025JW68JB00
	7.5	MCPRW025JW75JB00

Description	Resistance (Ohms)	Part Number
Inductive Wirewound Resistors	8.2	MCPRW025JW82JB00
	10	MCPRW025JW100B00
	15	MCPRW025JW150B00
	20	MCPRW025JW200B00
	27	MCPRW025JW270B00
	30	MCPRW025JW300B00
	33	MCPRW025JW330B00
	39	MCPRW025JW390B00
	43	MCPRW025JW430B00
	47	MCPRW025JW470B00
	56	MCPRW025JW560B00
	68	MCPRW025JW680B00
	75	MCPRW025JW750B00
	82	MCPRW025JW820B00

Description	Resistance (Ohms)	Part Number
Inductive Wirewound Resistors	100	MCPRW025JW101B00
	150	MCPRW025JW151B00
	200	MCPRW025JW201B00
	270	MCPRW025JW271B00
	300	MCPRW025JW301B00
	330	MCPRW025JW331B00
	390	MCPRW025JW391B00
	430	MCPRW025JW431B00
	470	MCPRW025JW471B00
	560	MCPRW025JW561B00
	680	MCPRW025JW681B00
	750	MCPRW025JW751B00
	820	MCPRW025JW821B00
	1k	MCPRW025JW102B00

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