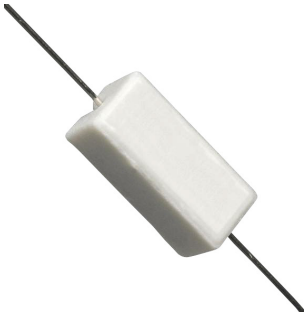


# Wire-wound Cement Fixed Resistors 15 Watt

**multicomp** PRO

**RoHS  
Compliant**



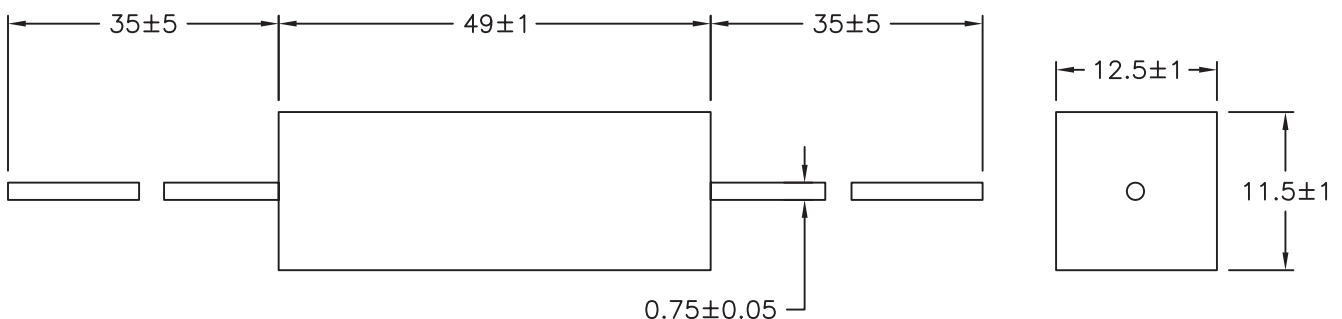
## Features:

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

## Performance Specification

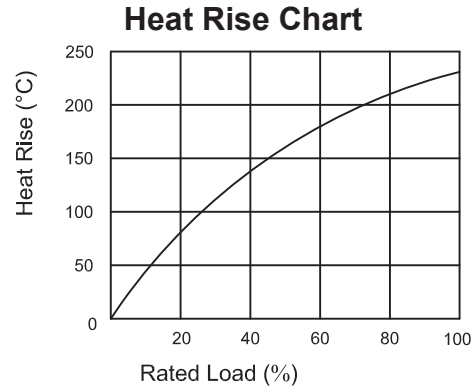
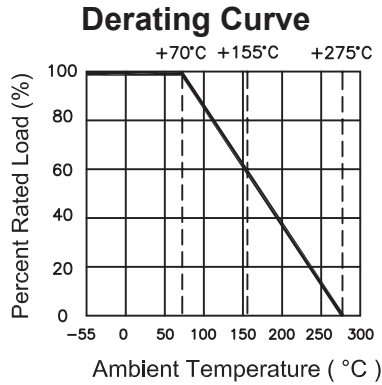
Product Type	: Wire-wound resistor
Power Rating	: 15 Watts
Resistance Tolerance	: $\pm 5\%$
Temperature Coefficient	: $<20\Omega$ : $\pm 400\text{PPM}/^\circ\text{C}$ ; $\geq 20$ : $\pm 350\text{PPM}/^\circ\text{C}$
Short-time Overload	: $\Delta R/R \leq \pm(5\% + 0.05\Omega)$ , with no evidence of mechanical 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

# Wire-wound Cement Fixed Resistors 15 Watt



## Part Number Table

Description	Resistance (Ohms)	Part Number
Wire-wound Cement Fixed Resistors, 15 Watt, ±5%	10	MCPRW0FWJW100B00
	100	MCPRW0FWJW101B00
	1k	MCPRW0FWJW102B00
	1	MCPRW0FWJW10JB00
	15	MCPRW0FWJW150B00
	150	MCPRW0FWJW151B00
	20	MCPRW0FWJW200B00
	200	MCPRW0FWJW201B00
	2	MCPRW0FWJW20JB00
	27	MCPRW0FWJW270B00
	270	MCPRW0FWJW271B00
	2.7	MCPRW0FWJW27JB00
	30	MCPRW0FWJW300B00
	300	MCPRW0FWJW301B00
	3	MCPRW0FWJW30JB00
	33	MCPRW0FWJW330B00
330	MCPRW0FWJW331B00	

Description	Resistance (Ohms)	Part Number
Wire-wound Cement Fixed Resistors, 15 Watt, ±5%	39	MCPRW0FWJW390B00
	390	MCPRW0FWJW391B00
	3.9	MCPRW0FWJW39JB00
	43	MCPRW0FWJW430B00
	430	MCPRW0FWJW431B00
	47	MCPRW0FWJW470B00
	470	MCPRW0FWJW471 B00
	4.7	MCPRW0FWJW47JB00
	56	MCPRW0FWJW560B00
	560	MCPRW0FWJW561 B00
	5.6	MCPRW0FWJW56JB00
	68	MCPRW0FWJW680B00
	680	MCPRW0FWJW681 B00
	6.8	MCPRW0FWJW68JB00
	75	MCPRW0FWJW750B00
	750	MCPRW0FWJW751 B00
7.5	MCPRW0FWJW75JB00	
820	MCPRW0FWJW821 B00	

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