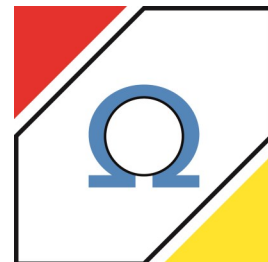


KWK RESISTORS INDIA



T-ULS SERIES - ULTRA SLIM RESISTORS - ALUMINIUM HOUSED RESISTORS FOR TYCO

T-ULS series are Ultra slim power resistors where resistive element is encased in an ultra slim aluminum profile. Specially finds application with limited space availability in systems like EVs, Instruments, Drivers and Frequency converters.

Features:

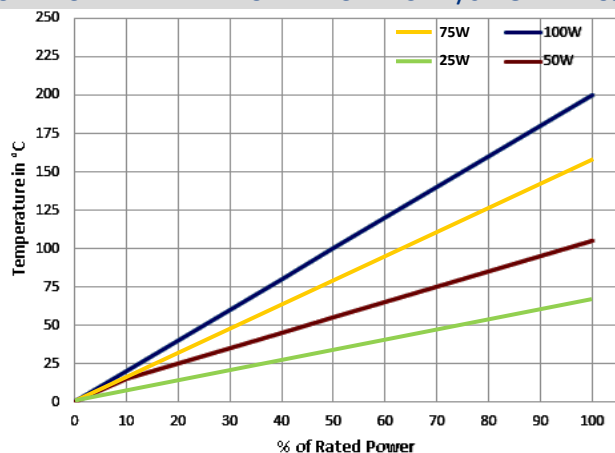
- Ultra Slim - Best suited where space really matters.
- Excellent short term overload & continuous power performance.
- Excellent Electrical stability, reliability and mechanically very rigid.
- UL approved cables used for terminations.
- Customized terminations are possible.



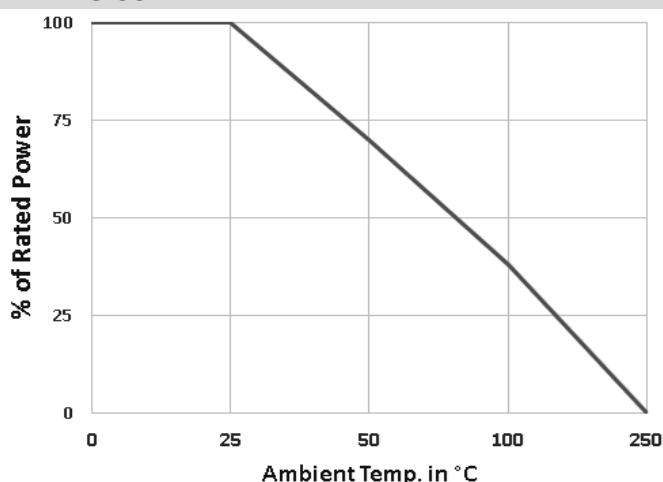
ELECTRICAL SPECIFICATIONS

Characteristics	Condition			Compliance
Rated Power	Series	With Heatsink	Without Heatsink	@25°C
	T-ULS25	25W	20W	
	T-ULS50	50W	25W	
	T-ULS75	75W	35W	
	T-ULS100	100W	50W	
Resistance Range	3.3Ω to 1KΩ			
Tolerance	±5% & ±10%			
Temperature Co-efficient				±150 PPM/°C
Insulation Resistance	@500V DC			> 100 MΩ
Short Term Overload	5 x Rated Power for 5sec			$\Delta R < \pm(2\% + 0.05\Omega)$
Dielectric Strength	2500VAC rms for 1minute			No Breakdown or Flashover
Operating temperature	-25°C to 250°C			
Degree of Protection	IP60			
Recommended Heatsink	300(W) x 300 (L) x 3 (H) in mm			

SURFACE TEMPERATURE INCREASE v/s POWER & POWER DERATING CURVE



Temperature Rise Curve (With Heatsink)

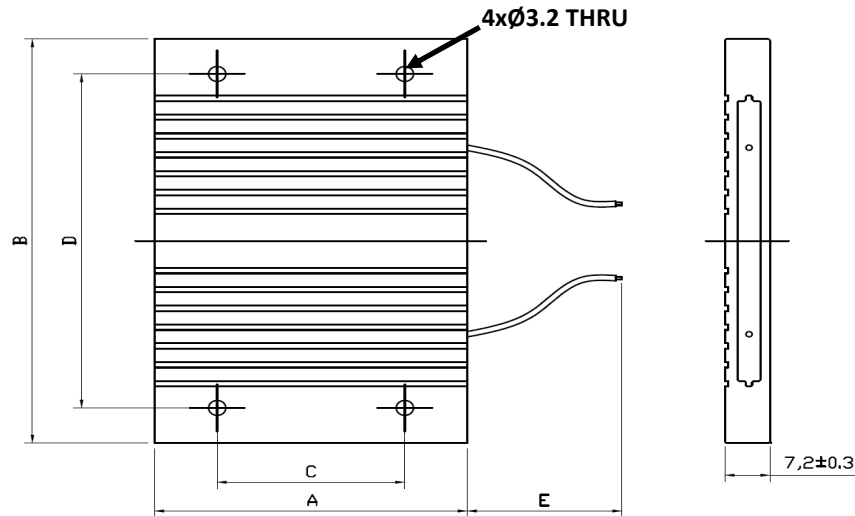


KWK RESISTORS INDIA



T-ULS SERIES - ULTRA SLIM RESISTORS - ALUMINIUM HOUSED RESISTORS FOR TYCO

DIMENSIONAL DETAILS



Series	A±2	B±2	C±0.2	D±0.2	E±5.0
T-ULS25	35	75	20	62	200
T-ULS50	50	75	30	62	200
T-ULS75	75	75	50	62	200
T-ULS100	100	75	67	62	200

Note: All dimension are in mm.

ORDERING DETAILS

T-ULSseries R T
T-ULSseries - Series Model #
R - Resistance Value
T - Tolerance Code ($\pm 5\%$ -J, $\pm 10\%$ -K)

Disclaimer: Product specifications, data and dimensions are subject to change without any prior notice to improve performance, reliability and design.

Example: T-ULS100 3R0 J - T-ULS100W 3 Ω 5%

Please feel free to contact us for any assistance required to choose the right solution. We are also able to design Custom Resistive Solutions.

KWK Resistors India Pvt. Ltd.

Reg. Office: B-81, Industrial Estate, Rajajinagar, Bengaluru-560044.India
Works: #72, 3rd main, 2nd stage, Industrial suburb, Yeshwanthpur, Bengaluru-560022.India
Ph.:+91-80-23370038, Tele/Fax:+91-80-23370046 Email: contact@kwk-resistors.in

www.kwk-resistors.in

2 of 2



KWKCAT30 R00