



**THE DATASHEET OF
TLR2BDTD5L00F75**

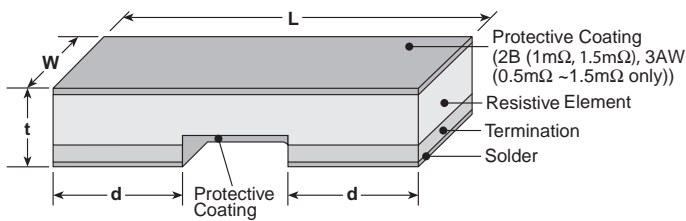




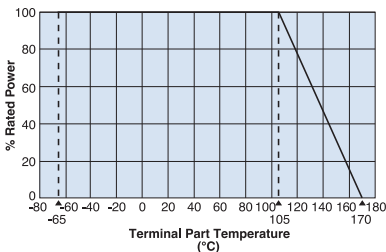
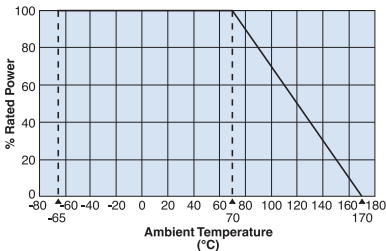
features

- Ultra low height with a thickness of 0.6mm, suitable for use of small equipment
- Excellent high-frequency characteristics
- Ultra low resistances (0.5mΩ~), suitable for large current sensing
- Suitable for reflow soldering (Not suitable for flow soldering)
- Products meet EU RoHS requirements
- AEC-Q200 Qualified

dimensions and construction



Derating Curve



When the terminal part temperature of the resistor exceeds the rated part temperature, the power shall be derated according to the derating curve.

For more details, please visit www.koaspeer.com and go to "Resources," then "Technical Information," and select "Derating Curves – Caution & Terms."

Size Code	Resistance Ω	Dimensions inches (mm)			
		L	W	d	t
TLR2B TLR2BN (1206)	1m 1.5m	.126±.008 (3.20±0.20)	.063±.008 (1.60±0.20)	.043±.008 (1.10±0.20)	.024±.008 (0.60±0.20)
	2m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m, 11m, 12m, 13m, 15m, 16m, 18m, 20m			.020±.008 (0.50±0.20)	
TLR2H (2010)	1m	.200±.008 (5.00±0.20)	.100±.008 (2.50±0.20)	.071±.008 (1.80±0.20)	.026±.008 (0.65±0.20)
	2m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m			.060±.008 (1.50±0.20) .020±.008 (0.50±0.20)	
TLR3AW (2512)	0.5m	.25±.01 (6.35±0.25)	.125±.01 (3.18±0.25)	.107±.01 (2.725±0.25)	.024±.01 (0.60±0.25)
	0.68m, 0.75m, 0.82m			.105±.01 (2.675±0.25)	
	1m, 1.5m, 2m, 3m, 4m			.087±.01 (2.20±0.25)	
	5m, 6m, 7m, 8m			.047±.01 (1.20±0.25)	
9m, 10m	.030±.01 (0.77±0.25)				

ordering information

TLR	3AW	D	TE	2L00	F	75
Type	Power Rating 2BN: 0.5W 2B: 0.5W 2H: 1W 3AW: 2W	Termination Material D: SnAgCu	Packaging TE: 8mm pitch embossed plastic (3AW) TE: 4mm pitch embossed plastic (2H only) TD: 4mm pitch punched paper (2B/2BN only)	Nominal Resistance ±1%: 4 digits All values less than 0.1Ω (100m) are expressed in mΩ with "L" as decimal Ex: 2mΩ = 2L00	Tolerance F: ±1%	T.C.R. 50ppm/°C 75ppm/°C Blank: 150ppm/°C

For further information on packaging, please refer to Appendix A.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.

10/31/25

Looking for pricing, stock, or lifecycle information?

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