

Metal Strip Chip Resistors (LR12)



厚聲集團

Alternative for
Vishay : WSL
TT : LRMA
ROHM : PMR
Bourns : CRA

Features:

- Power Rating up to 3 watt
- Low T.C.R. until $\pm 50\text{PPM}$
- Value range: 1-350m Ω
- Tolerance : $\pm 1\%$, $\pm 5\%$
- Ideal for current sensing application

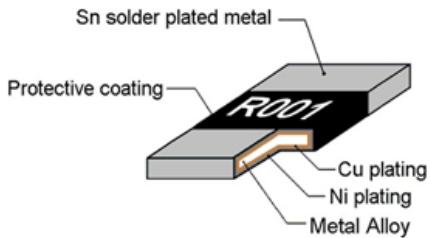
Applications:

- BMS
- AV adapters
- LED back-light
- Camera strobe
- SMPS / Power Supply
- Rectifiers
- Power Banks / Lithium Battery
- Industrial Inverter
- Digital Meters
- Sensor
- Motor Controller
- BLDC Motor

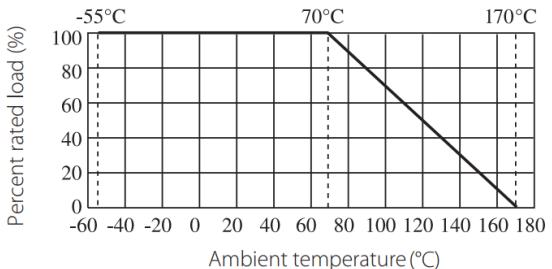
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Structure

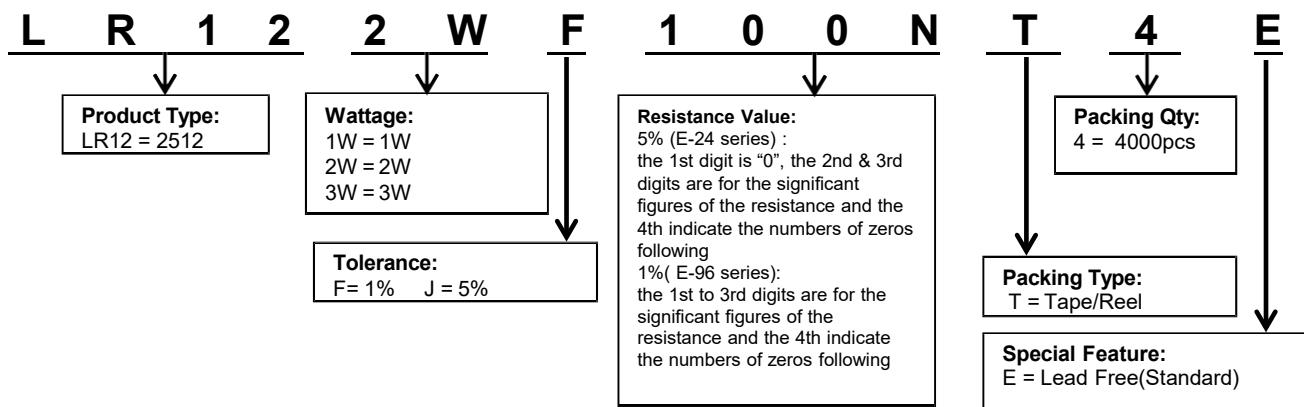


Derating Curve



Size	Power Rating	Resistance Range (mΩ)	Tol.	TCR	Packing T/R (7")
LR12 (2512)	1W	1 ~ 350	1% 5%	$\pm 50\text{ppm}/\text{°C}$	4K
	2W	1, 2, 5			
	3W	10 ~ 350			

Ordering Procedure (Example: LR12 2W 1% 0.001Ω 50ppm T/R-4000)



Cross Reference

ROYALOHM	Vishay	KOA	Panasonic	ROHM	NIC	TT /IRC	TAI	SEI	BOURNS
LR	WSL	TLR	ERJM	PMR	NCLP	LRMA/P	RLM25,RLP25	CSNL	CRA



IATF 16949
ISO 14001

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