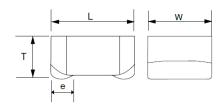
Spec Sheet

Wire-wound Chip Power Inductors (BR series)[BRL]

BRL3225T330M



Features

- Item Summary

33uH±20%, 0.42A, 1210/3225 (EIA/JIS)

- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 2000pcs

Products characteristics table

Inductance	33 uH ± 20 %
Case Size (EIA/JIS)	1210/3225
Rated Current (max)	0.42 A
Saturation Current (max)	0.47 A
Temperature Rise Current (max)	0.42 A
DC Resistance (max)	1.008 Ω
DC Resistance (typ)	0.84 Ω
LQ Measuring Frequency	0.1 MHz
Self Resonant Frequency (min)	9 MHz
Operating Temp. Range	-40 to +105 ℃ (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 15 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

External Dimensions

Dimension L	$3.2 \pm 0.2 \text{ mm}$
Dimension W	2.5 ±0.2 mm
Dimension T	Max 1.7 mm
Dimension e	0.75 ±0.2 mm

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.

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unit : inch

Wire-wound Chip Power Inductors (BR series)

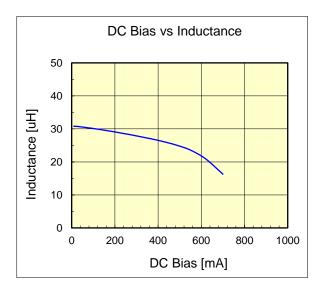
Dimension

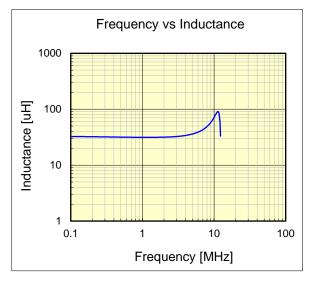
BRL3225T330M

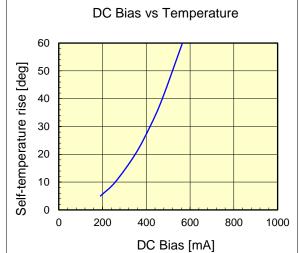


Length :	3.2 -	+/-	0.2	(0.126	+/- 0.008)	
Width :	2.5 -	+/-	0.2	(0.098	+/- 0.008)	
Height :	1.7		max.	(0.067	max.)	
Inductance :	33		uН	(test free	q at 0.1MHz)	
DC Resistance :	0.84	/	1.008	ohm (typ / max)		
Saturation Current :	470		mА			
Temp. rise Current :	420		mА			
Saturation current typical :			30% reduction from initial L value.			
Temp rise Current typical :			Temperature will rise by 40 deg C			

unit : mm







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