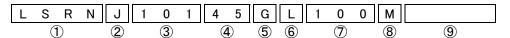
Wire-wound Ferrite Power Inductors LSRN series for General Electronic Equipment for Consumer

Code in front of Series have been extracted from Part number, which describes the segment of products, such as kinds and characteristics.

REFLOW

■PART NUMBER

* Operating Temp.: -40~+125°C (Including self-generated heat)



(1)Series

Useries		
	Code	
	(1)(2)(3)(4)	
	LSRN	Wire-wound Ferrite Power Inductor for General Electronic Equipment for Consumer

(1) Product Group

(1) 1 100	act Group
Code	
L	Inductors

(2) Cate	gory	
Code	Recommended equipment	Quality Grade
S	General Electronic Equipment for Consumer	3

(3) Type

Code	
R	Ferrite Wire-wound (Drum-sleeve, pedestal type)

(4) Features, Characteristics

Code	,
N	Standard Power choke

2Feature

Code	Feature
J	Bottom electrode (Pedestal type)

3Dimensions (L × W)

Code	Dimensions (L × W) [mm]
101	10.1 × 10.1
125	12.5 × 12.5

4 Dimensions (H)

Dilliciaiona (11)		
	Code	Dimensions (H) [mm]
	45	4.5
	55	5.5
	65	6.5
	75	7.5

5Operating temperature

Code	Operating temperature [°C]
G	-40∼+125

6Packaging

	_ 0 0	
Π	Code	Packaging
Ξ	ı	Taning

7)Nominal inductance

Ortonina inductance		
Code (example)	Nominal inductance[μH]	
1R0	1.0	
100	10	
101	100	

※R=小数点

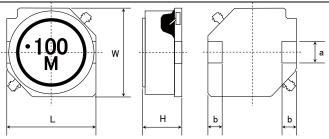
8 Inductance tolerance

© Industration coloration		0141100
	Code	Inductance tolerance
	М	±20%
	N	+30%

⁹Internal code

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (http://www.ty-top.com/).

■STANDARD EXTERNAL DIMENSIONS / MINIMUM QUANTITY



※101□□type does not have the indication of the Manufacturing date code.

Туре	L	W	Н	а	b	Minimum quantity [pcs]
10145	10.1±0.3	10.1±0.3	4.5±0.35	2.8±0.1	2.0±0.15	2000
	(0.398 ± 0.012)	(0.398 ± 0.012)	(0.177 ± 0.014)	(0.110 ± 0.004)	(0.079 ± 0.006)	
10155	10.1±0.3	10.1±0.3	5.5±0.35	2.8±0.1	2.0±0.15	2000
	(0.398 ± 0.012)	(0.398 ± 0.012)	(0.217 ± 0.014)	(0.110 ± 0.004)	(0.079 ± 0.006)	
10165	10.1±0.3	10.1±0.3	6.5±0.35	2.8±0.1	2.0±0.15	2000
	(0.398 ± 0.012)	(0.398 ± 0.012)	(0.256 ± 0.014)	(0.110 ± 0.004)	(0.079 ± 0.006)	
12555	12.5±0.3	12.5±0.3	5.5±0.35	3.0±0.1	2.0±0.15	2000
	(0.492 ± 0.012)	(0.492 ± 0.012)	(0.217 ± 0.014)	(0.118 ± 0.004)	(0.079 ± 0.006)	
12565	12.5±0.3	12.5±0.3	6.5±0.35	3.0±0.1	2.0±0.15	2000
	(0.492 ± 0.012)	(0.492 ± 0.012)	(0.256 ± 0.014)	(0.118 ± 0.004)	(0.079 ± 0.006)	
12575	12.5±0.3	12.5±0.3	7.5±0.35	3.0±0.1	2.0±0.15	2000
	(0.492 ± 0.012)	(0.492 ± 0.012)	(0.295 ± 0.014)	(0.118 ± 0.004)	(0.079 ± 0.006)	

Unit:mm(inch)

Recommended Land Patterns

Surface Mounting

•Mounting and soldering conditions should be checked beforehand.

•Applicable soldering process to these products is reflow soldering only.



Туре	Α	В	С
10145	2.5	5.6	3.2
10155	2.5	5.6	3.2
10165	2.5	5.6	3.2
12555	2.5	8.6	3.2
12565	2.5	8.6	3.2
12575	2.5	8.6	3.2

Unit:mm

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