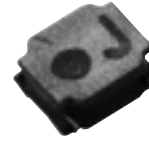


Power Inductors / Wire Wound type

**Discontinued**

Series: **J**

Type: **ELLYFJ**  
**ELLYGJ**



■ **Features**

- Small and low profile (2.5×2.0 mm)
- The magnetic shield effect is provided by adhesive with magnetic materials structure
- Low DC resistance and large current capability
- Shock resistant
- RoHS compliant

■ **Recommended Applications**

- DC/DC converter for smart phone , mobile phone, DSC, HDD

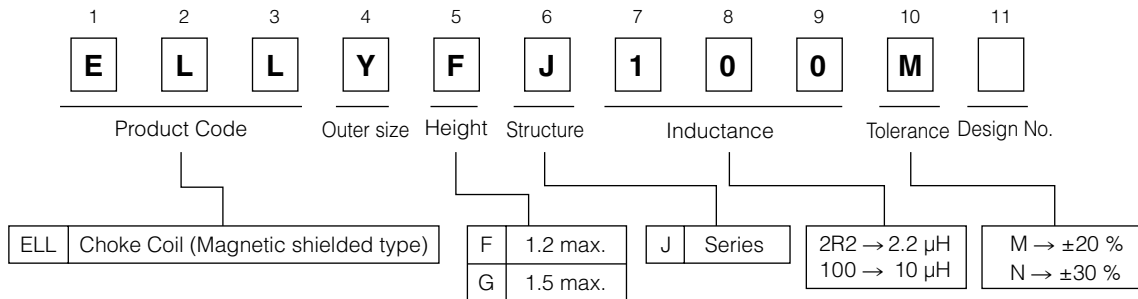
■ **Standard Packing Quantity**

- 3000 pcs./Reel

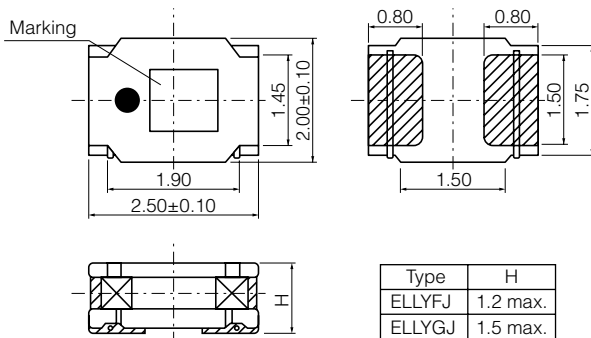
■ **Soldering Conditions and Safety Precautions**

Please see Data Files

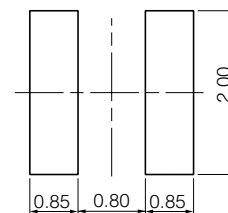
■ **Explanation of Part Numbers**



■ **Dimensions in mm (not to scale)**



■ **Recommended Land Pattern in mm (not to scale)**



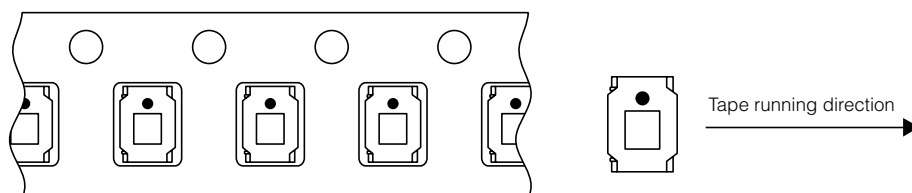
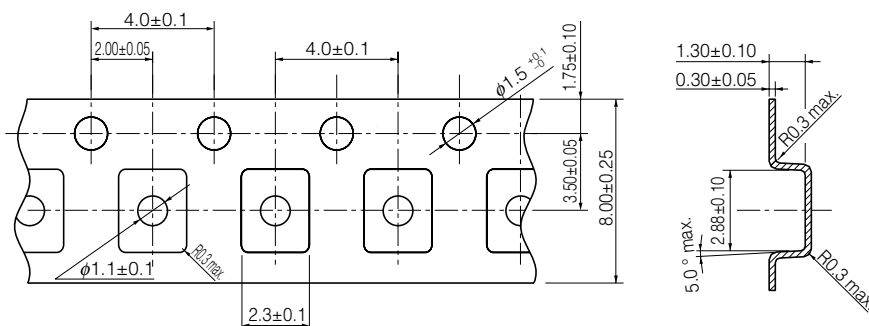
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Standard Parts

Series	Part Number	Inductance (100 kHz)		R <sub>DC</sub> (at 20 °C)		Saturation Rated Current* <sup>1</sup> (mA max.)	Temperature Rise Current* <sup>2</sup> (mA max.)	Marking
		(μH)	Tol.	(mΩ)	Tol.			
Series ELLYFJ	ELLYFJR47N	0.47	±30%	48	±20%	2500	2150	5
	ELLYFJ1R0N	1.0		73		2200	1750	A
	ELLYFJ1R5N	1.5		105		1750	1450	C
	ELLYFJ2R2M	2.2	±20%	130		1700	1300	D
	ELLYFJ3R3M	3.3		230		1200	980	E
	ELLYFJ4R7M	4.7		330		1080	820	H
	ELLYFJ5R6M	5.6		350		1000	800	J
	ELLYFJ6R8M	6.8		490		850	670	K
	ELLYFJ100M	10.0		620		730	600	M
	ELLYFJ150M	15.0		1000		590	470	O
	ELLYFJ220M	22.0		1650		400	370	R
Series ELLYGJ	ELLYGJ1R0N	1.0		±30%	68	±20%	2000	1700
	ELLYGJ2R2M	2.2	±20%	120	1700		1300	D
	ELLYGJ3R3M	3.3		180	1200		1050	E
	ELLYGJ4R7M	4.7		240	1100		900	H
	ELLYGJ5R6M	5.6		340	1000		770	J
	ELLYGJ6R8M	6.8		360	850		690	K
	ELLYGJ100M	10.0		550	720		600	M
	ELLYGJ150M	15.0		900	580		470	O
	ELLYGJ220M	22.0		1100	500		430	R

\*1 Saturation Rated Current : This DC current which causes a 30 % inductance reduction from its nominal value.  
 \*2 Temperature Rise Current : This indicates the value of current when temperature rise dt/t= 40 °C (at 20 °C).

Embossed Carrier Tape Dimensions in mm (not to scale)



Quantity 3000 pcs./reel

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