



Sample Kit

ERU27M

SMD high current flat wire inductors



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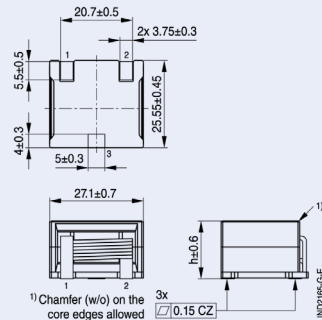
ERU27M – SMD high current flat wire inductors

L (inductance) ±10%	μH	2.3	3.9	6.2	8.5
I _{sat, typ} (+100 °C)	A	85	68	55	46
I _{temp}	A	48	46	37	36
R _{DC (nom)}	mΩ	0.68	0.88	1.39	1.66
Height h _{max}	mm	14.1	15.5	15.2	16.4
Approx. weight	g	42	47	47	50
Ordering code		ERU27M-2R3L	ERU27M-3R9L	ERU27M-6R2L	ERU27M-8R5L
Internal code	B82579	A1232A027	A1392A027	A1622A027	A1852A027

Technical data

- All values measured at +25 °C ambient temperature
- I_{sat, typ} is current that will result in an app. 20% drop in inductance values
- Operating temperature range: -40 °C ... +150 °C (component)
- Isolate alloy powder core
- High rated current
- Easily customized
- Qualified to AEC-Q200
- RoHS compatible

Height (mm)		Packing unit Pcs per reel
Component h nom.	Cavity h (bister tape) max.	
14.1	15.0	80
15.5	16.4	75
15.2	16.4	75
16.4	17.3	65



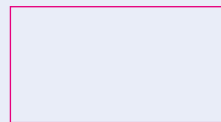
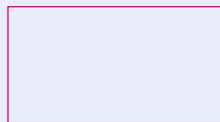
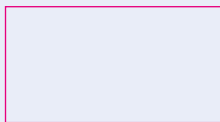
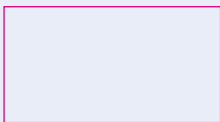
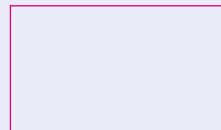
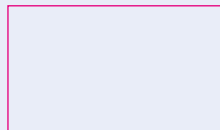
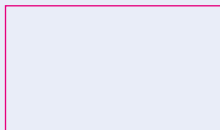
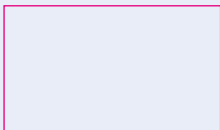
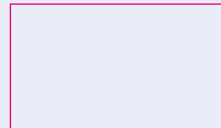
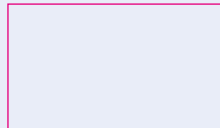
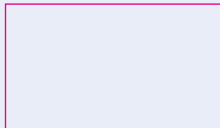
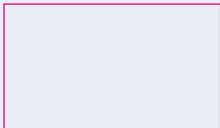
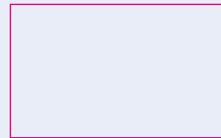
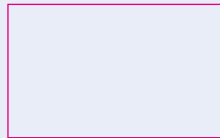
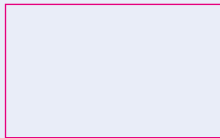
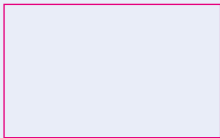
Content: 4 pcs. per ordering code

2.3 μ H – ERU27M-2R3L

3.9 μ H – ERU27M-3R9L

6.2 μ H – ERU27M-6R2L

8.5 μ H – ERU27M-8R5L



Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.