



Sample Kit

ERU27M

SMD high current flat wire inductors



www.tdk-electronics.tdk.com

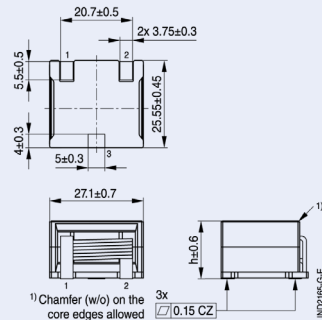
ERU27M – SMD high current flat wire inductors

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

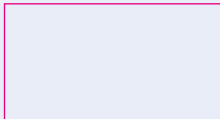
- All values measured at +25 °C ambient temperature
- I_{sat, typ} is current that will result in an app. 20% drop in inductance values
- Operating temperature range: -40 °C ... +150 °C (component)
- Isolate alloy powder core
- High rated current
- Easily customized
- Qualified to AEC-Q200
- RoHS compatible

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

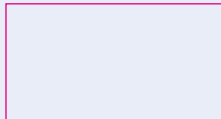


Content: 4 pcs. per ordering code

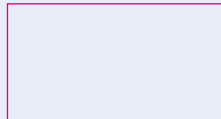
2.3 μH



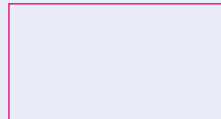
2.3 μH



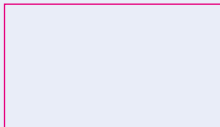
2.3 μH



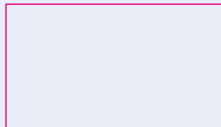
2.3 μH



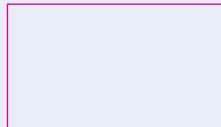
3.9 μH



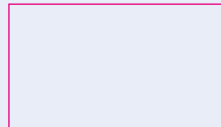
3.9 μH



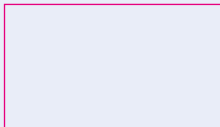
3.9 μH



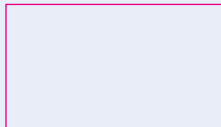
3.9 μH



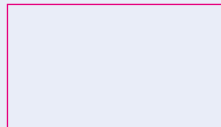
6.2 μH



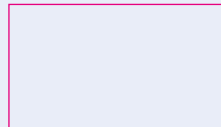
6.2 μH



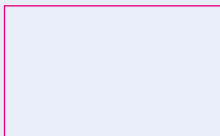
6.2 μH



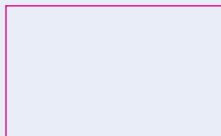
6.2 μH



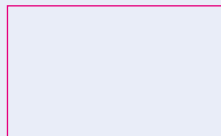
8.5 μH



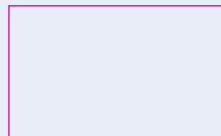
8.5 μH



8.5 μH



8.5 μH



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.