



Sample Kit

ERU Chokes

ERU 27 SMD Alloy Powder Series –
B82579A*A027



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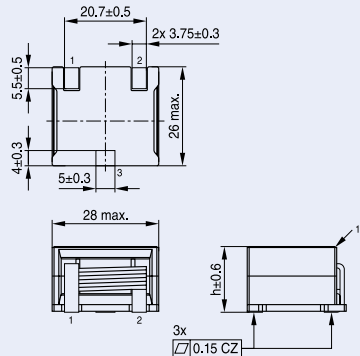
ERU Chokes – ERU 27 SMD Alloy Powder

L (inductance) ±10%	μH	2.3	3.9	6.2	8.5
I _{sat, typ} (+100 °C)	A	85	68	55	46
I _R	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	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)
- 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



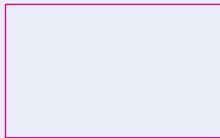
¹⁾ Chamfer (w/o) on the core edges allowed

IND2165-G-E

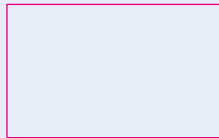
2.3 μH



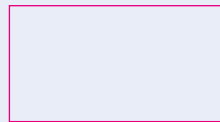
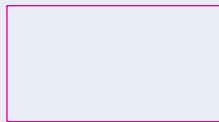
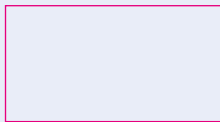
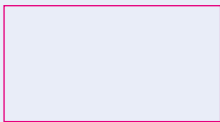
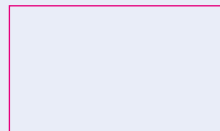
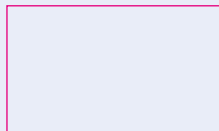
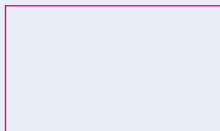
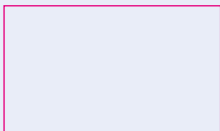
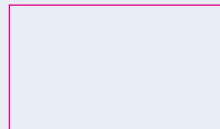
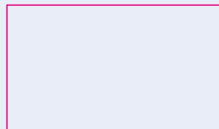
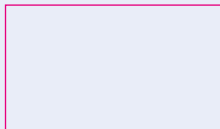
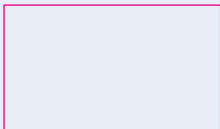
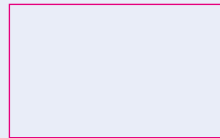
3.9 μH



6.2 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.