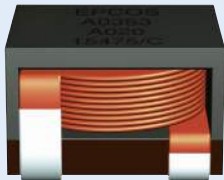


EPCOS Sample Kit 2016

# ERU Chokes

ERU 20 Series – B82559A\*A020



## ERU Chokes – ERU 20 (SMD)

<b>L (inductance) ±10%</b>	<b>μH</b>	<b>1.0</b>	<b>1.5</b>	<b>2.2</b>	<b>3.3</b>	<b>4.7</b>	<b>6.8</b>
$I_{\text{sat, typ}}$ (+25 °C)	A	50.0	50.0	43.0	34.0	22.0	19.0
$R_{\text{DC}}$ (max)	mΩ	0.65	0.90	1.20	1.50	2.40	2.90
Height $h_{\text{max}}$	mm	10.2	11.1	12.5	14.5	10.2	10.2
Ordering code	B82559	A2102A020	A3152A020	A4222A020	A5332A020	A4472A020	A5682A020
<b>L (inductance) ±10%</b>	<b>μH</b>	<b>10.0</b>	<b>15.0</b>	<b>20.0</b>	<b>29.0</b>	<b>35.0</b>	
$I_{\text{sat, typ}}$ (+25 °C)	A	18.3	15.3	14.3	11.0	9.3	
$R_{\text{DC}}$ (max)	mΩ	3.90	4.95	6.40	7.10	7.10	
Height $h_{\text{max}}$	mm	11.1	12.5	14.5	14.5	14.5	
Ordering code	B82559	A7103A020	A9153A020	A0203A020	A0293A020	A0353A020	

- All values measured at +25 °C ambient temperature
- $I_{\text{sat, typ}}$  is current that will result in an app. 10% drop in nominal inductance the inductance
- Operating temperature range: -40 °C ... +150 °C (component)
- Qualified to AEC-Q200
- RoHS compatible
- Tape and reel packing: 44 mm blister tape, 330 mm reel

Height of component $h_{\text{max}}$	Packing unit per reel
10.2 mm	130 pcs.
11.1 mm	130 pcs.
12.5 mm	115 pcs.
14.5 mm	100 pcs.

