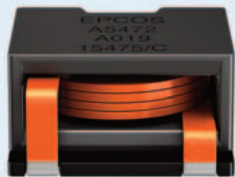


EPCOS Sample Kit 2017

# ERU Chokes

ERU 19 Series – B82559A\*A019



## ERU Chokes – ERU 19 (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>  |
|--------------------------------|-----------|------------|-------------|-------------|-------------|-------------|
| $I_{sat, typ} (+25\text{ °C})$ | A         | 43         | 42.5        | 37.8        | 31.5        | 23          |
| $R_{DC} (max)$                 | mΩ        | 1.20       | 1.70        | 2.20        | 2.70        | 2.70        |
| Height $h_{max}$               | mm        | 8.70       | 9.50        | 10.10       | 11.20       | 11.20       |
| Ordering code                  | B82559    | A2102A019  | A3152A019   | A4222A019   | A5332A019   | A5472A019   |
| <b>L (inductance) ±10%</b>     | <b>μH</b> | <b>6.8</b> | <b>10.0</b> | <b>15.0</b> | <b>20.0</b> | <b>30.0</b> |
| $I_{sat, typ} (+25\text{ °C})$ | A         | 18.6       | 14.4        | 13.0        | 12.0        | 10.1        |
| $R_{DC} (max)$                 | mΩ        | 8.25       | 9.55        | 12.15       | 14.75       | 18.65       |
| Height $h_{max}$               | mm        | 8.70       | 8.70        | 9.50        | 10.10       | 11.20       |
| Ordering code                  | B82559    | A6682A019  | A7103A019   | A9153A019   | A0203A019   | A0303A019   |

- All values measured at +25 °C ambient temperature
- $I_{sat, typ}$  is current that will result in an app. 20% drop in nominal inductance the inductance
- Operating temperature range: -40 °C ... +150 °C (component)
- Qualified to AEC-Q200
- RoHS compatible
- Tape and reel packing: 32 mm blister tape, 330 mm reel

| Height of component $h_{max}$ | Packing unit per reel |
|-------------------------------|-----------------------|
| 8.7 mm                        | 240 pcs.              |
| 9.5 mm                        | 200 pcs.              |
| 10.1 mm                       | 190 pcs.              |
| 11.2 mm                       | 160 pcs.              |

