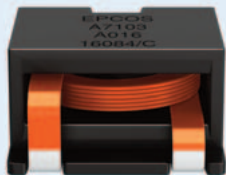


EPCOS Sample Kit 2017

# ERU Chokes

ERU 16 Series – B82559A\*A016



## ERU Chokes – ERU 16 (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         | 34         | 37          | 34          | 28          | 18.6        |
| $R_{DC} (max)$                 | mΩ        | 1.15       | 1.60        | 2.10        | 2.60        | 2.60        |
| Height $h_{max}$               | mm        | 7.90       | 8.70        | 9.60        | 10.30       | 10.30       |
| Ordering code                  | B82559    | A2102A016  | A3152A016   | A4222A016   | A5332A016   | A5472A016   |
| <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         | 15.5       | 12.2        | 12.6        | 11.3        | 9.2         |
| $R_{DC} (max)$                 | mΩ        | 6.80       | 7.90        | 11.10       | 13.25       | 16.50       |
| Height $h_{max}$               | mm        | 8.70       | 8.70        | 9.60        | 10.30       | 11.30       |
| Ordering code                  | B82559    | A6682A016  | A7103A016   | A0153A016   | A0203A016   | A0303A016   |

- 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 |
|-------------------------------|-----------------------|
| 7.9 mm                        | 240 pcs.              |
| 8.7 mm                        | 240 pcs.              |
| 9.6 mm                        | 190 pcs.              |
| 10.3 mm                       | 190 pcs.              |
| 11.3 mm                       | 160 pcs.              |

