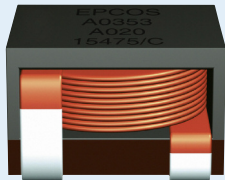


EPCOS Sample Kit 2016

ERU Chokes

ERU 20 Series – B82559A*A020

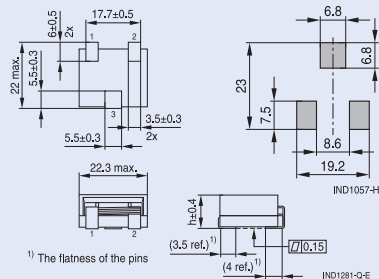


ERU Chokes – ERU 20 (SMD)

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



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