



Sample Kit

# ERU Chokes

ERU 33, PTH flat wire high current inductors – B82559A\*A033



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## ERU Chokes – ERU 33, PTH flat wire high current inductors – B82559A\*A033

<b>L<sub>R</sub></b>	μH	3.2	3.5	4.7	6.0	6.8	10.0
<b>I<sub>sat</sub> 25 °C</b>	A	95.0	87.0	81.0	62.0	56.0	36.0
<b>I<sub>sat</sub> 100 °C</b>	A	83.0	77.0	71.0	55.0	47.0	32.0
<b>I<sub>R</sub></b>	A	58.0	57.5	45.5	50.0	47.5	46.0
<b>R<sub>DC,typ</sub></b>	mΩ	0.85	0.85	1.20	1.20	1.20	1.20
<b>Pin thickness</b>	mm	1.50 ± 0.20 mm	1.50 ± 0.20 mm	1.25 ± 0.20 mm	1.25 ± 0.20 mm	1.25 ± 0.20 mm	1.25 ± 0.20 mm
<b>Ordering code</b>	B82559*	A4322A033	A4352A033	A5472A033	A5602A033	A5682A033	A5103A033

### Construction:

- Size: 33 mm x 33 mm
- Height max: 15.4 mm
- Operating temperature: -40 ... +150 °C
- Packaging: Tray

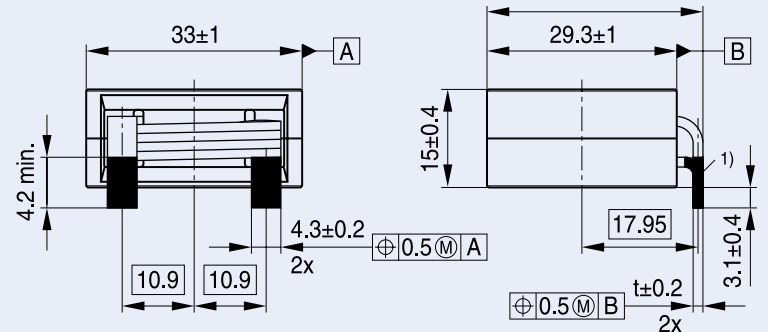
### Features:

- High rated current
- Low DC resistance
- RoHS-compatible
- Easily customized
- AEC-Q200 qualified

### Applications:

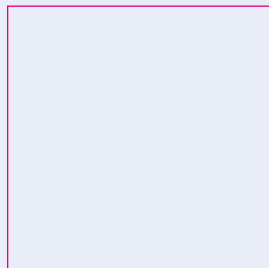
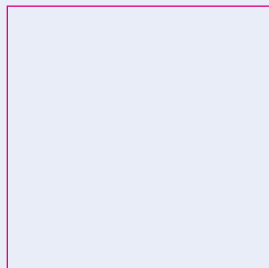
Energy storage chokes for

- DC/DC converters
- Buck/Boost choke for 48 V board net converters

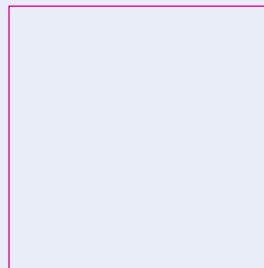


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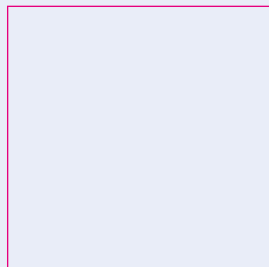
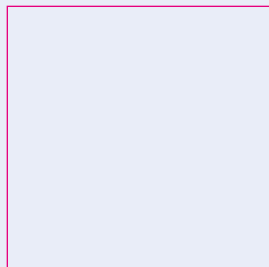
B82559A4322A033 - P300797



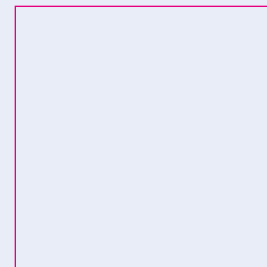
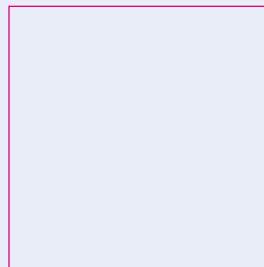
B82559A4352A033 - P100746



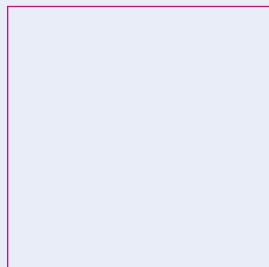
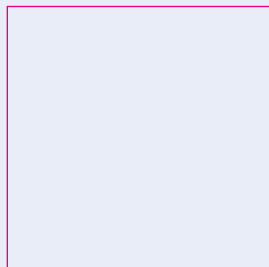
B82559A5472A033 - P302820



B82559A5602A033 - P100761



B82559A5682A033 - P100650



B82559A5103A033 - P100967

