



Sample Kit

# ERU Chokes

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



[www.tdk-electronics.tdk.com](http://www.tdk-electronics.tdk.com)



## 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

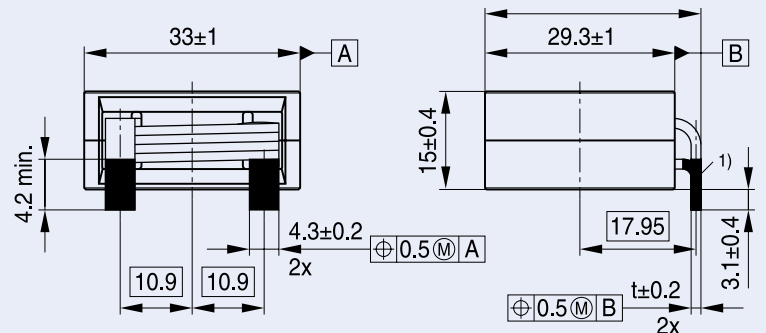
### Features:

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

### Applications:

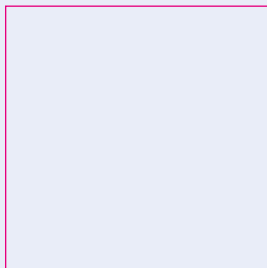
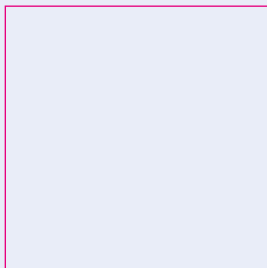
Energy storage chokes for

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

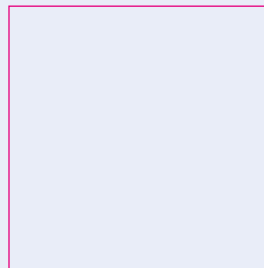


IND1972-N

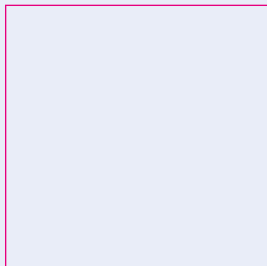
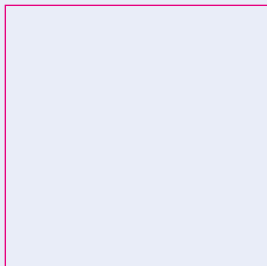
B82559A4322A033 - P300797



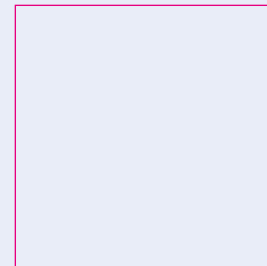
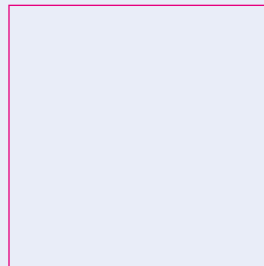
B82559A4352A033 - P100746



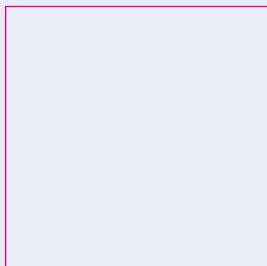
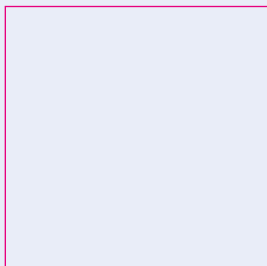
B82559A5472A033 - P302820



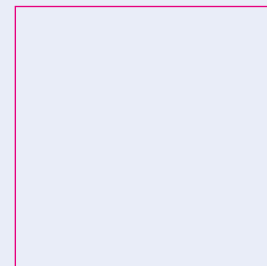
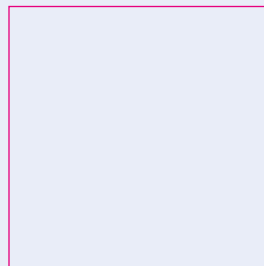
B82559A5602A033 - P100761



B82559A5682A033 - P100650



B82559A5103A033 - P100967



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Inductor Kits & Accessories](#) category:*

*Click to view products by [TDK](#) manufacturer:*

Other Similar products are found below :

[B82498X001](#) [EKDMGN08A-KIT](#) [CP-P36/22-2S](#) [744062](#) [TSTH-MM](#) [TSTH-MS](#) [TTH 50-150](#) [WE-1413H](#) [WE-1952V](#) [WE-237](#) [WE-2750H](#)  
[WE-279](#) [WE-3671H](#) [WE-3683H](#) [WE-3686](#) [WE-3693](#) [WE-3698H](#) [WE-3701H](#) [WE-3759](#) [E30-K-H-12P-SS-P3002](#) [E65-54-K-H](#) [E65-81-K-H](#)  
[EE13-K-V-10P-SW](#) [EE25\\_10\\_6-K-V-10P-YW-360](#) [EF12.6-K-H-9P-P1212](#) [EF16-K-H-9P-SW](#) [EF20-K-H-8P](#) [EF20-K-H-8P-SW](#) [EFD12\\_3.5-](#)  
[K-1S-8P-CPHS](#) [FIRCHK](#) [744006](#) [7440405](#) [CLI-EFD25](#) [CPH-U15/11/6-1S-4P](#) [TSTH-MD](#) [WE-3657H](#) [WE-3621H](#) [WE-3292V](#) [WE-2752V](#)  
[CCCM453232-LAB1](#) [B66359-B1013-T1](#) [B82442X002](#) [TTH 200-300](#) [74491](#) [P0752NLKIT](#) [P0250NLKIT](#) [P0770NLKIT](#) [823999](#) [WZ-7958](#)  
[WZ 7953/1 ST](#)