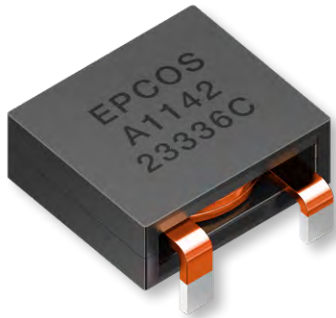




Sample Kit

# ERU33M

PTH high current flat wire inductors



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

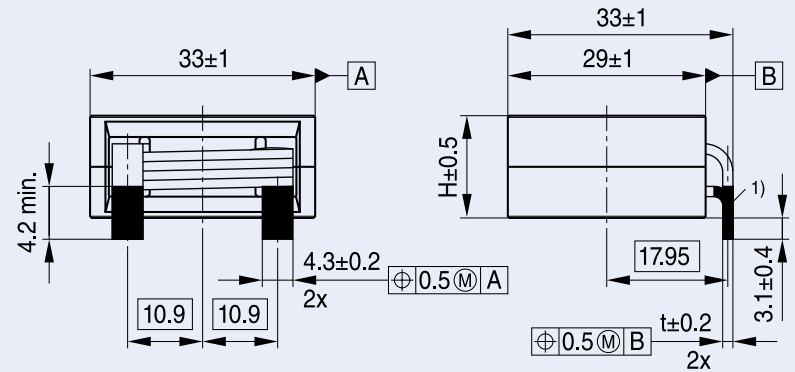


## ERU33M – PTH flat wire high current inductors

L (inductance) ±10%	μH	1.4	4.6	7.2
I <sub>sat, typ</sub> (+100 °C)	A	120	75	55
I <sub>temp</sub>	A	80	58	50
R <sub>DC, typ</sub>	mΩ	0.46	0.85	1.20
Pin thickness	mm	1.50	1.50	1.25
Height h <sub>nom</sub>	mm	11.0	15.3	15.3
Approx. weight	g	58	76	77
Ordering code		ERU33M-1R4L	ERU33M-4R6L	ERU33M-7R2L
Internal code	B82579A*	1142A033	1462A033	1722A033

### Technical data

- Isolate alloy powder core
- High rated current
- High voltage: Winding – core: 200 V DC, 1 s
- Extremely low DC resistance ranges 0.46 – 1.20 mΩ
- Solderability IEC 60068-2-58
- Operating temperature: -40 ... +150 °C

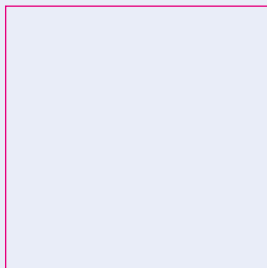
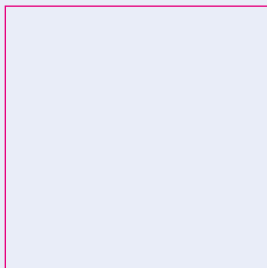


1) Tinned in this area

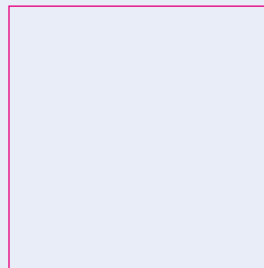
IND2202-H-E

Content: 4 pcs. per ordering code

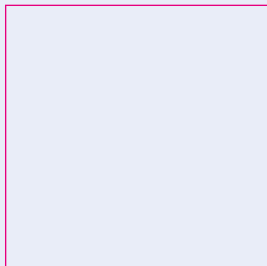
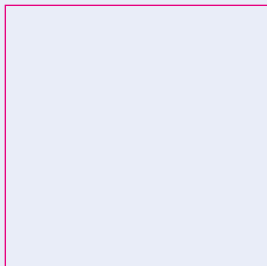
1.4  $\mu\text{H}$  – ERU33M-1R4L



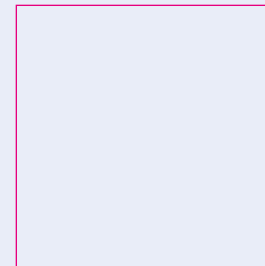
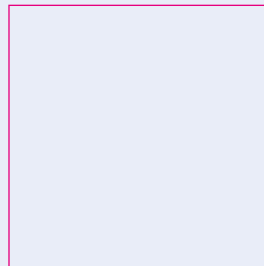
1.4  $\mu\text{H}$  – ERU33M-1R4L



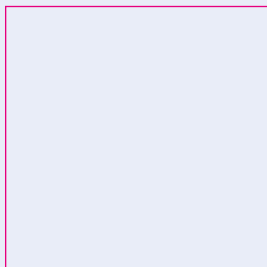
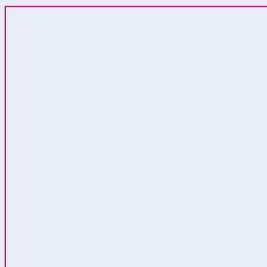
4.6  $\mu\text{H}$  – ERU33M-4R6L



4.6  $\mu\text{H}$  – ERU33M-4R6L



7.2  $\mu\text{H}$  – ERU33M-7R2L



7.2  $\mu\text{H}$  – ERU33M-7R2L

