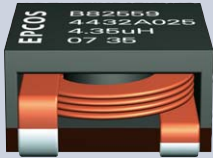
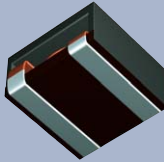




Sample Kit 2008



High-Current Chokes

ERU25 Series B82559A*A025

www.epcos.com

B82559X002

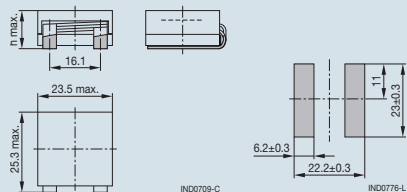
High-Current Chokes ERU25

SMD

L (inductance) ±10%	μH	0.44	2.9	1.25	7.9
$I_{\text{sat, typ}}$	A	71	33	50	24
$\text{DCR}_{\text{max}} \pm 15\%$	mΩ	0.20	0.81	0.41	1.8
Height h_{max}	mm	8.95	10.75	10.75	12.9
Ordering code	B82559	A1042A025	A3292A025	A2122A025	A6792A025
L (inductance) ±10%	μH	4.35	2.3	6.1	10
$I_{\text{sat, typ}}$	A	30	41	28	24
$\text{DCR}_{\text{max}} \pm 15\%$	mΩ	1.25	0.95	1.55	2.25
Height h_{max}	mm	12.9	12.0	12.0	12.9
Ordering code	B82559	A4432A025	A3232A025	A5612A025	A7103A025

- All values measured at 25 °C ambient temperature
- $I_{\text{sat, typ}}$ is current that will result in 20% reduction of nominal inductance
- Temperature response needs to be verified in specific applications; test results on request
- Operating temperature: -40 to +130 °C
- Flat wire winding: extremely low-resistance coil
- Core: high saturation/low-loss ferrite
- Special values and sizes on request
- Foam tray packaging:

Height of component	Tray	Box
$h = 8.95 \text{ mm}$	40 pcs.	320 pcs.
$h = 10.75 \text{ mm}$	40 pcs.	280 pcs.
$h = 12.00 \text{ mm}$	40 pcs.	240 pcs.
$h = 12.90 \text{ mm}$	40 pcs.	240 pcs.



Mechanical dimensions and suggested pad layout (reference only)

Further product information:
www.epcos.com

The *Important Notes* and the product-specific *Warnings and Cautions* must be observed (www.epcos.com/importantnotes).



0.44 μH



2.9 μH



1.25 μH



7.9 μH



0.44 μH



2.9 μH



1.25 μH



7.9 μH



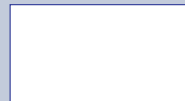
4.35 μH



2.3 μH



6.1 μH



10 μH



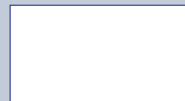
4.35 μH



2.3 μH



6.1 μH



10 μH