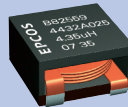
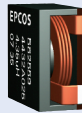
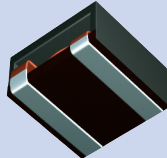
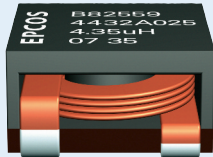


EPCOS Sample Kit 2016

# ERU Chokes

ERU 25 Series – B82559A\*A025



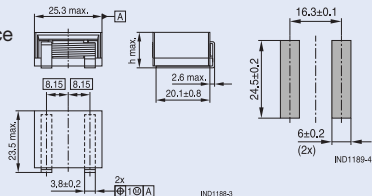
## ERU Chokes – ERU 25 (SMD)

<b>L (inductance) <math>\pm 7\%</math></b>	<b><math>\mu\text{H}</math></b>	<b>0.44</b>	<b>1.25</b>	<b>2.30</b>	<b>2.90</b>	<b>4.35</b>
$I_{\text{sat, typ}}$	A	71	50	41	33	30
$R_{\text{DC}} (\text{max})$	$\text{m}\Omega$	0.25	0.45	0.70	1.15	1.50
Height $h_{\text{max}}$	mm	10.0	11.5	13.2	10.0	11.5
Ordering code	B82559	A1042A025	A2122A025	A3232A025	A3292A025	A4432A025
<b>L (inductance) <math>\pm 7\%</math></b>	<b><math>\mu\text{H}</math></b>	<b>6.10</b>	<b>7.90</b>	<b>10.0</b>	<b>15.0</b>	<b>20.0</b>
$I_{\text{sat, typ}}$	A	28	26	24	15	15
$R_{\text{DC}} (\text{max})$	$\text{m}\Omega$	1.85	2.20	2.55	2.55	3.25
Height $h_{\text{max}}$	mm	11.5	13.2	13.2	13.2	15.0
Ordering code	B82559	A5612A025	A6792A025	A7103A025	A7153A025	A9203A025

- All values measured at 25 °C ambient temperature
- $I_{\text{sat, typ}}$  is current that will result in 10 – 15% 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
$h = 10.00 \text{ mm}$	40 pcs.	280 pcs.
$h = 11.50 \text{ mm}$	40 pcs.	280 pcs.

Height of component	Tray	Box
$h = 13.20 \text{ mm}$	40 pcs.	240 pcs.
$h = 15.00 \text{ mm}$	40 pcs.	240 pcs.



Mechanical dimensions  
and suggested pad layout  
(reference only)