



# Passive PFC choke series

Inductivity: 1.0 – 15.0 mH  
Nominal current: max. 4.7 A

# EI 38

Report of passed Glow-Wire-Test	<b>DIN EN 60335-1, clause 30.2.3.1 and 30.2.3.2</b>	102961/84814
	<b>UL 1446</b>	E237745

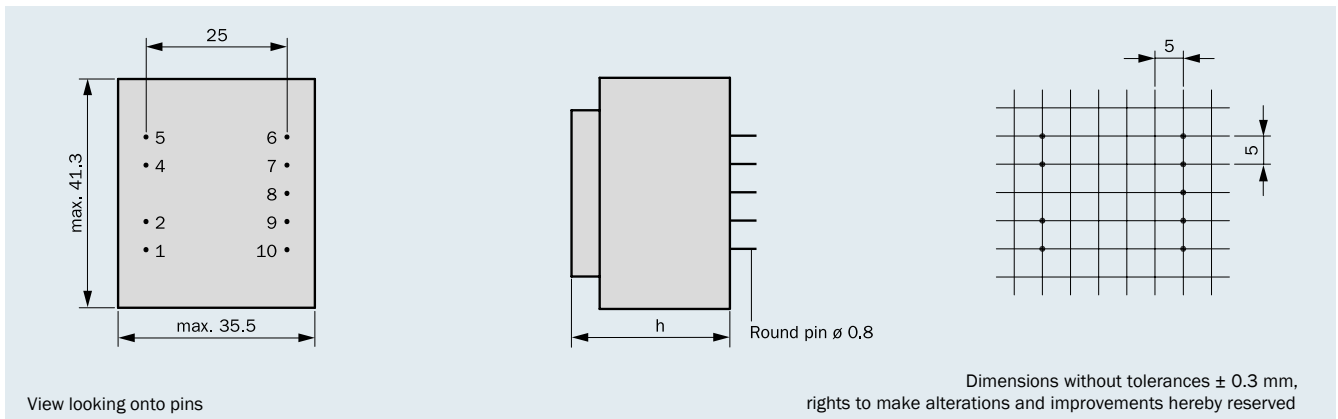
- according to REACH regulation
- according to RoHS regulation

**Further certifications / approvals on request!**

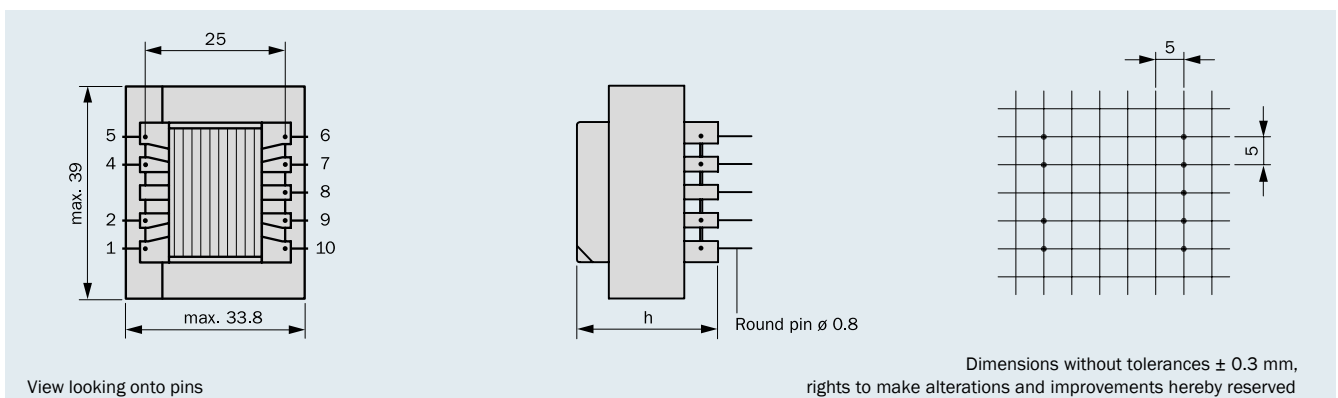


- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance to core
- 100 % piece inspection
- For the standard version with cast housing "0":  
Self-extinguishing cast housing and sealing material

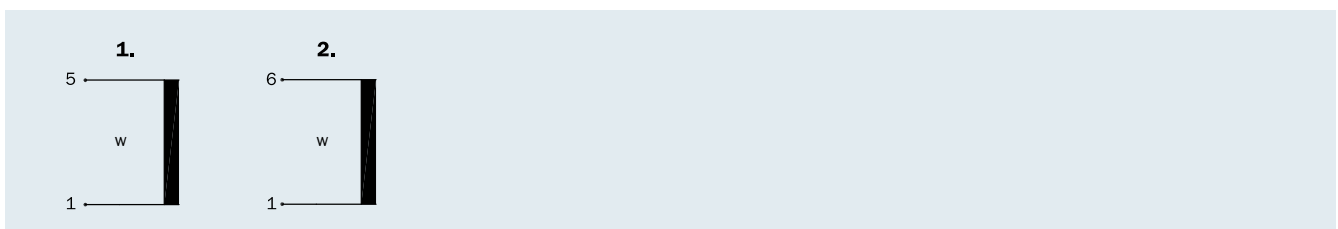
### Connecting pins Type cast housing "0"



### Connecting pins Type open




### Connection scheme




Frame size/Core height	Version	Nominal current ta 70 °C	Height (h)	Weight	Packaging unit
BVD EI 382 1.../13.6 mm	cast housing "0"	max. 4.7 A	max. 28.6 mm	0.165 kg	30 pieces
BVD EI 382 0.../13.6 mm	open	max. 4.4 A	max. 26.9 mm	0.140 kg	30 pieces

## Type cast housing "0"

ta 70 °C/B	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height <b>BVD EI 382 1... / 13.6 mm</b>  vacuum-encapsulated	BVD EI 382 1001	4.7 A	1.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1002	4.7 A	1.5 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 1003	4.0 A	2.0 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 1004	2.2 A	2.5 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1005	2.2 A	3.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1006	2.2 A	3.5 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 1007	3.2 A	4.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1008	2.8 A	4.5 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1009	2.7 A	5.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 1010	2.0 A	10.0 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 1011	1.5 A	15.0 mH	1-6	2+4+5+7+8+9+10	1

## Type open

ta 70 °C/F	Order No.	Nominal current	Nominal inductivity	Connecting pins	Not connected pins	Connection scheme
Frame size/Core height <b>BVD EI 382 0... / 13.6 mm</b>  open, vacuum-impregnated	BVD EI 382 0001	4.4 A	1.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0002	4.4 A	1.5 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 0003	3.5 A	2.0 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 0004	2.1 A	2.5 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0005	2.0 A	3.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0006	2.0 A	3.5 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 0007	2.8 A	4.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0008	2.4 A	4.5 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0009	2.3 A	5.0 mH	1-6	2+4+5+7+8+9+10	1
	BVD EI 382 0010	1.7 A	10.0 mH	1-5	2+4+6+7+8+9+10	2
	BVD EI 382 0011	1.4 A	15.0 mH	1-6	2+4+5+7+8+9+10	1