


Common mode choke series

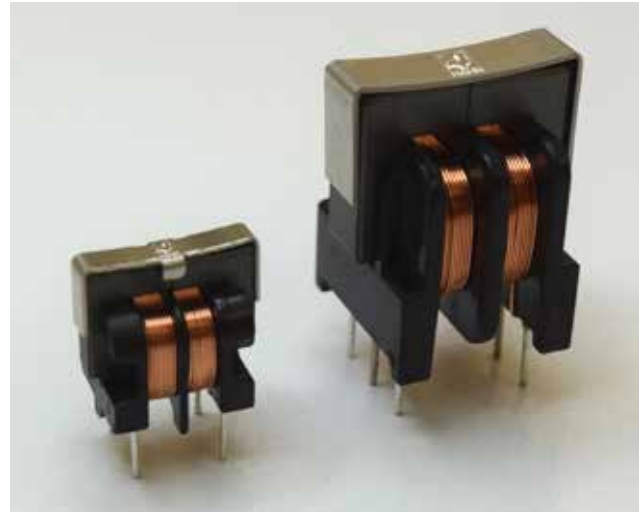
Inductivity: 1.0 - 82.0 mH
Nominal current: max. 5.1 A

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

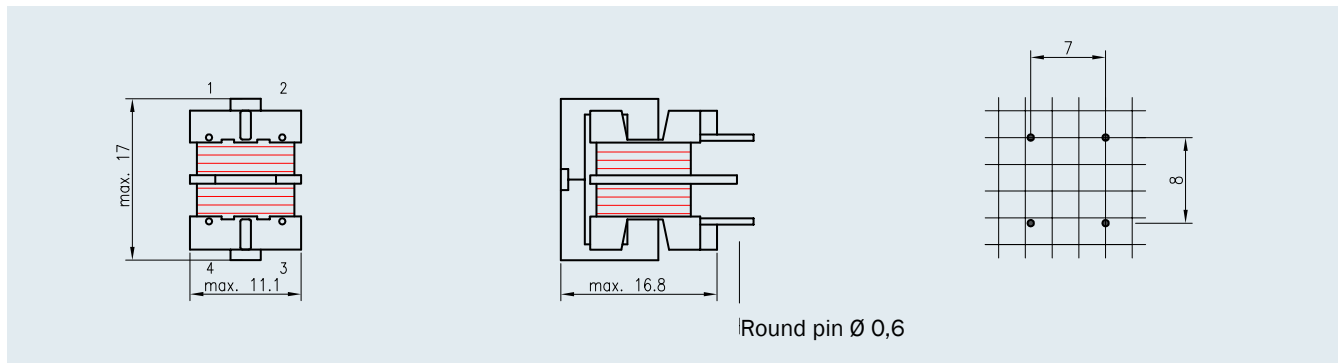
- according to REACH regulation
- according to RoHS regulation

Further certifications / approvals on request!

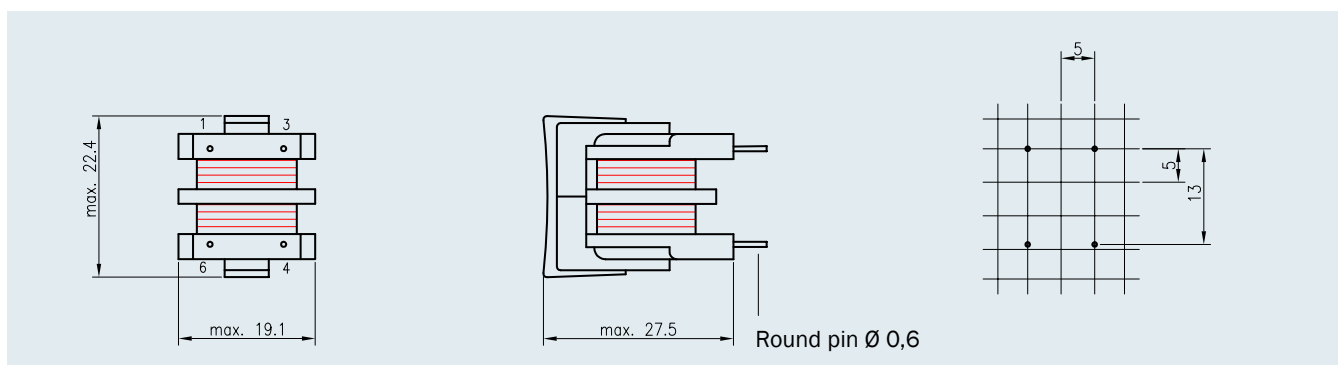
- **Dielectric strenght W1/W2 2.500 V**
- optimized impedance response
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- 100 % piece inspection



Connecting pins Type BVCM UU 091

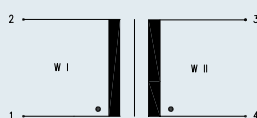


Connecting pins Type BVCM UU 161



Connecting scheme

no. 1 - BVCM UU 091



no. 2 - BVCM UU 161



Frame size	Nominal current ta 70°C/B	Inductivity	Height (h)	Connecting scheme
BVCM UU 091	0,28 - 2,0 A	1 - 82.0 mH	max. 16,8 mm	1
BVCM UU 161	0,60 - 5,1 A	1 - 82.0 mH	max. 27,5 mm	2



Common mode choke series

Inductivity: 1.0 - 82.0 mH

Nominal current: max. 5.1 A



Type BVCM UU 091

ta 70 °C/B	Frame size	Nominal current	Nominal Inductivity	resistance	Connecting pins	Connection Scheme
Frame size BVCM UU 091	BVCM UU 091 0010	2,00 A	1,0 mH	0,084 Ω	1-2 / 4-3	1
	BVCM UU 091 0012	1,90 A	1,2 mH	0,093 Ω	1-2 / 4-3	1
	BVCM UU 091 0015	1,80 A	1,5 mH	0,105 Ω	1-2 / 4-3	1
	BVCM UU 091 0018	1,70 A	1,8 mH	0,127 Ω	1-2 / 4-3	1
	BVCM UU 091 0022	1,60 A	2,2 mH	0,141 Ω	1-2 / 4-3	1
	BVCM UU 091 0027	1,50 A	2,7 mH	0,155 Ω	1-2 / 4-3	1
	BVCM UU 091 0033	1,40 A	3,3 mH	0,174 Ω	1-2 / 4-3	1
	BVCM UU 091 0039	1,30 A	3,9 mH	0,212 Ω	1-2 / 4-3	1
	BVCM UU 091 0047	1,10 A	4,7 mH	0,263 Ω	1-2 / 4-3	1
	BVCM UU 091 0056	1,10 A	5,6 mH	0,287 Ω	1-2 / 4-3	1
	BVCM UU 091 0068	1,00 A	6,8 mH	0,349 Ω	1-2 / 4-3	1
	BVCM UU 091 0082	0,95 A	8,2 mH	0,382 Ω	1-2 / 4-3	1
	BVCM UU 091 0100	0,85 A	10,0 mH	0,484 Ω	1-2 / 4-3	1
	BVCM UU 091 0120	0,75 A	12,0 mH	0,591 Ω	1-2 / 4-3	1
	BVCM UU 091 0150	0,70 A	15,0 mH	0,740 Ω	1-2 / 4-3	1
	BVCM UU 091 0180	0,65 A	18,0 mH	0,810 Ω	1-2 / 4-3	1
	BVCM UU 091 0220	0,60 A	22,0 mH	1,000 Ω	1-2 / 4-3	1
	BVCM UU 091 0270	0,50 A	27,0 mH	1,372 Ω	1-2 / 4-3	1
	BVCM UU 091 0330	0,47 A	33,0 mH	1,520 Ω	1-2 / 4-3	1
	BVCM UU 091 0390	0,40 A	39,0 mH	2,060 Ω	1-2 / 4-3	1
	BVCM UU 091 0470	0,36 A	47,0 mH	2,525 Ω	1-2 / 4-3	1
	BVCM UU 091 0560	0,34 A	56,0 mH	2,745 Ω	1-2 / 4-3	1
	BVCM UU 091 0680	0,31 A	68,0 mH	3,384 Ω	1-2 / 4-3	1
	BVCM UU 091 0820	0,28 A	82,0 mH	4,214 Ω	1-2 / 4-3	1

Type BVCM UU 161

ta 70 °C/B	Frame size	Nominal current	Nominal Inductivity	resistance	Connecting pins	Connection Scheme
Frame size BVCM UU 161	BVCM UU 161 0010	5,1 A	1,0 mH	0,025 Ω	1-3 / 6-4	2
	BVCM UU 161 0012	4,5 A	1,2 mH	0,032 Ω	1-3 / 6-4	2
	BVCM UU 161 0015	4,1 A	1,5 mH	0,039 Ω	1-3 / 6-4	2
	BVCM UU 161 0018	3,9 A	1,8 mH	0,044 Ω	1-3 / 6-4	2
	BVCM UU 161 0022	3,5 A	2,2 mH	0,053 Ω	1-3 / 6-4	2
	BVCM UU 161 0027	3,2 A	2,7 mH	0,068 Ω	1-3 / 6-4	2
	BVCM UU 161 0033	3,0 A	3,3 mH	0,075 Ω	1-3 / 6-4	2
	BVCM UU 161 0039	2,8 A	3,9 mH	0,088 Ω	1-3 / 6-4	2
	BVCM UU 161 0047	2,4 A	4,7 mH	0,113 Ω	1-3 / 6-4	2
	BVCM UU 161 0056	2,2 A	5,6 mH	0,136 Ω	1-3 / 6-4	2
	BVCM UU 161 0068	2,1 A	6,8 mH	0,150 Ω	1-3 / 6-4	2
	BVCM UU 161 0082	1,9 A	8,2 mH	0,183 Ω	1-3 / 6-4	2
	BVCM UU 161 0100	1,7 A	10,0 mH	0,224 Ω	1-3 / 6-4	2
	BVCM UU 161 0120	1,5 A	12,0 mH	0,274 Ω	1-3 / 6-4	2
	BVCM UU 161 0150	1,5 A	15,0 mH	0,307 Ω	1-3 / 6-4	2
	BVCM UU 161 0180	1,3 A	18,0 mH	0,375 Ω	1-3 / 6-4	2
	BVCM UU 161 0220	1,2 A	22,0 mH	0,472 Ω	1-3 / 6-4	2
	BVCM UU 161 0270	1,0 A	27,0 mH	0,591 Ω	1-3 / 6-4	2
	BVCM UU 161 0330	0,9 A	33,0 mH	0,727 Ω	1-3 / 6-4	2
	BVCM UU 161 0390	0,8 A	39,0 mH	0,895 Ω	1-3 / 6-4	2
	BVCM UU 161 0470	0,8 A	47,0 mH	0,980 Ω	1-3 / 6-4	2
	BVCM UU 161 0560	0,7 A	56,0 mH	1,203 Ω	1-3 / 6-4	2
	BVCM UU 161 0680	0,6 A	68,0 mH	1,470 Ω	1-3 / 6-4	2
	BVCM UU 161 0820	0,6 A	82,0 mH	1,840 Ω	1-3 / 6-4	2