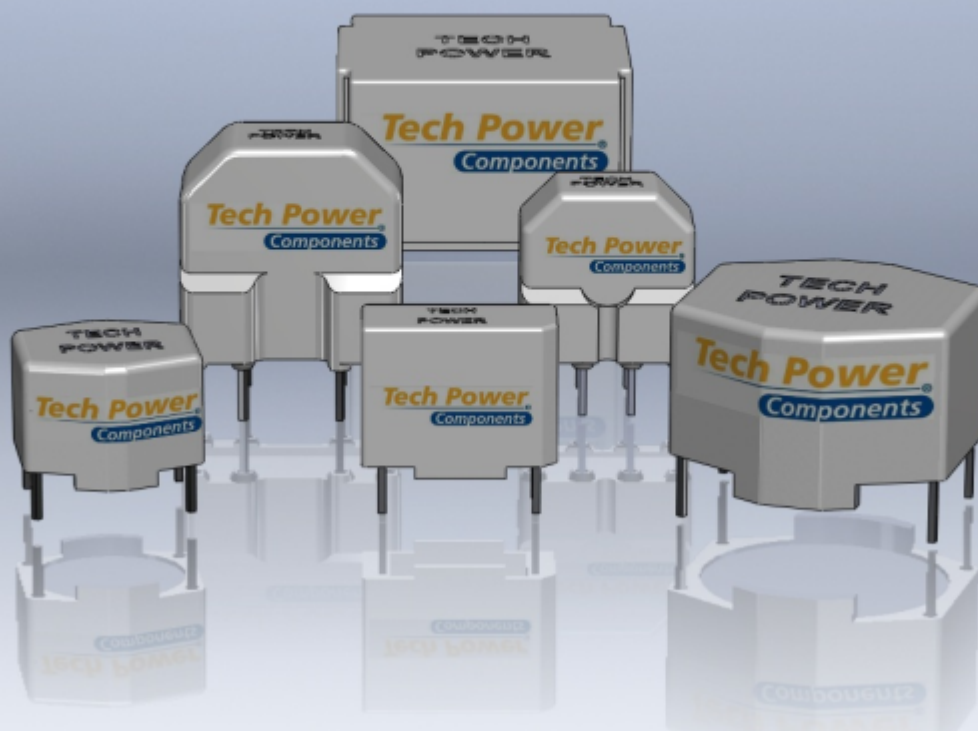


# Tech Power<sup>®</sup>

## Components



### Common Mode Chokes Toroidal Series

Tech Power electronics develops highly-efficient toroidal common mode chokes. Compact design combined with high-saturation level result in high noise attenuation performance.

### Standards

- RoHS
- Complies with EN138100, EN60938-2 (VDE565.2)
- Plastic materials meet UL94 V-0 requirements



### Characteristics

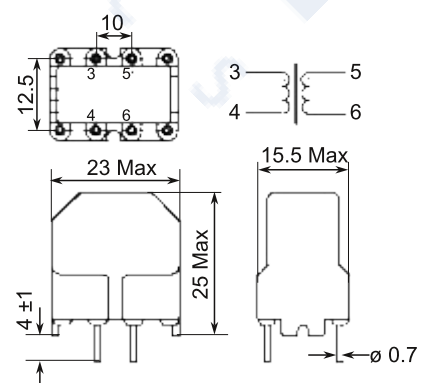
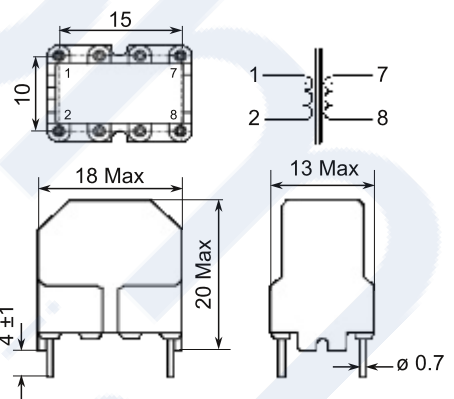
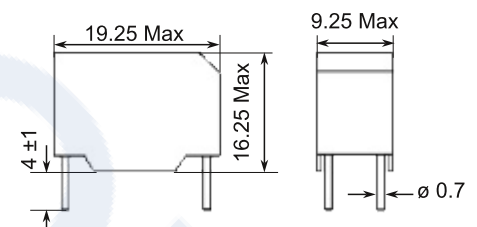
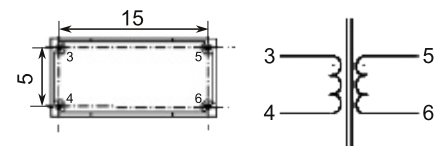
- Rated Voltage: 250Vac
- Withstanding Voltage: 1500Vac
- Nominal current RMS value at 60°C
- Inductance measured at 10kHz, 10mV, tolerance: +50/-30%
- DC resistance nominal value at 25°C, tolerance  $\pm 15\%$
- Electric specifications at 25°C
- Operating temperature: from -40°C to 125°C

## Vertical Case

P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (m $\Omega$ )
SCF120V003	0.3	12	920
SCF068V004	0.4	6.8	530
SCF044V006	0.6	4.4	385
SCF030V010	1	3	205
SCF015V016	1.5	1.6	100
SCF011V020	2	1.1	70

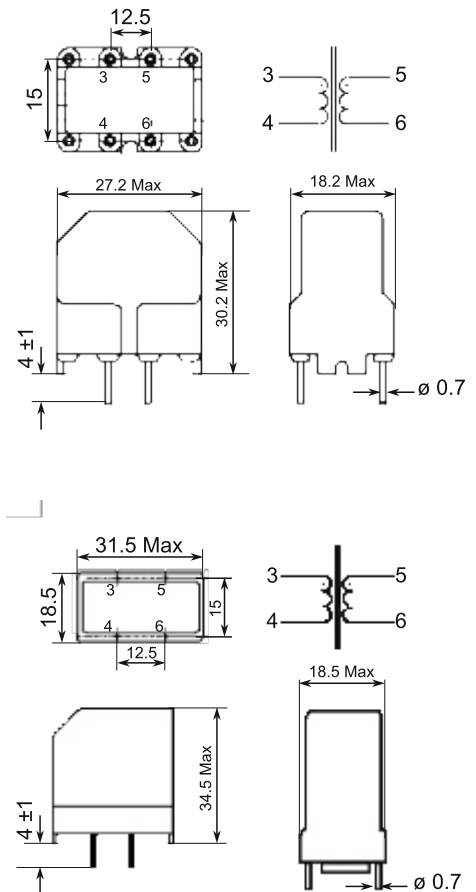
P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (m $\Omega$ )
SCF390V004	0.4	39	1550
SCF270V005	0.5	27	1250
SCF150V006	0.6	15	500
SCF100V008	0.8	10	370
SCF068V012	1.2	6.8	245
SCF033V015	1.5	3.3	135
SCF018V020	2	1.8	75
SCF007V040	4	0.7	35

P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (m $\Omega$ )
SCF470V003	0.3	47	1650
SCF390V005	0.5	39	810
SCF270V008	0.8	27	500
SCF150V010	1	15	375
SCF100V012	1.2	10	220
SCF068V015	1.5	6.8	130
SCF042V020	2	4.2	102
SCF033V025	2.5	3.3	75
SCF020V030	3	2	55



P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF470V006	0.6	47	1150
SCF390V008	0.8	39	1000
SCF180V010	1	18	610
SCF100V015	1.5	10	220
SCF068V020	2	6.8	147
SCF056V025	2.5	5.6	105
SCF045V030	3	4.5	80
SCF033V040	4	3.3	45

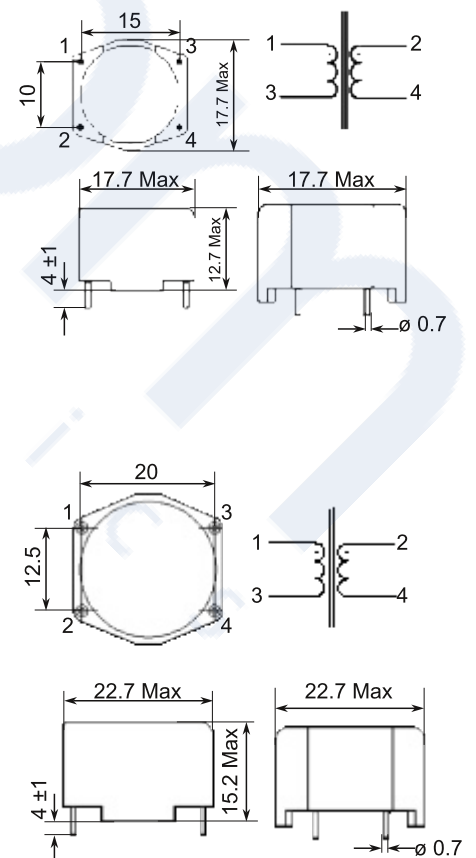
P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF820V005	0.5	82	2700
SCF330V010	1	33	750
SCF270V014	1.4	27	510
SCF068V021	2.1	6.8	190
SCF033V041	4.1	3.3	66
SCF018V060	6	1.8	23



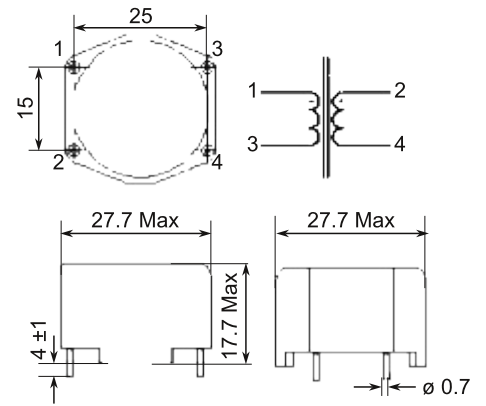
## Horizontal Case

P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF390H004	0.4	39	1550
SCF270H005	0.5	27	1250
SCF150H006	0.6	15	500
SCF100H008	0.8	10	370
SCF068H012	1.2	6.8	245
SCF033H015	1.5	3.3	135
SCF018H020	2	1.8	75
SCF007H040	4	0.7	35

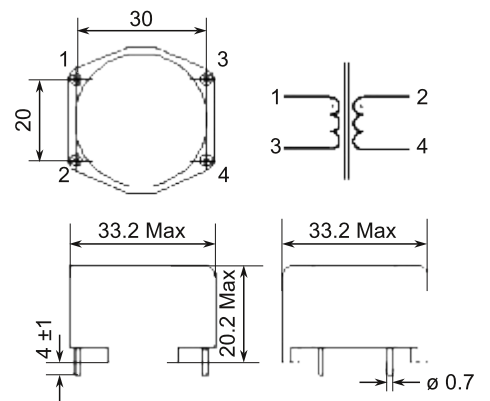
P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF470H003	0.3	47	1650
SCF390H005	0.5	39	810
SCF270H008	0.8	27	500
SCF150H010	1	15	375
SCF100H012	1.2	10	220
SCF068H015	1.5	6.8	130
SCF042H020	2	4.2	102
SCF033H025	2.5	3.3	75
SCF020H030	3	2	55
SCF015H040	4	1.5	35



P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF470H006	0.6	47	1150
SCF390H008	0.8	39	1000
SCF180H010	1	18	610
SCF100H015	1.5	10	220
SCF068H020	2	6.8	147
SCF056H025	2.5	5.6	105
SCF045H030	3	4.5	80
SCF033H040	4	3.3	45



P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF820H005	0.5	82	2700
SCF330H010	1	33	880
SCF470H010	1	47	750
SCF270H014	1.4	27	510
SCF100H020	2	10	230
SCF068H021	2.1	6.8	190
SCF033H040	4	3.3	58
SCF039H041	4.1	3.9	66
SCF018H060	6	1.8	23



P/N	Nominal Current (A)	Nominal Inductance (mH)	DC Resistance (mΩ)
SCF680H010	1	68	1300
SCF180H020	2	18	350
SCF068H040	4	6.8	87
SCF039H060	6	3.9	41
SCF027H080	8	2.7	22
SCF018H100	10	1.8	14

