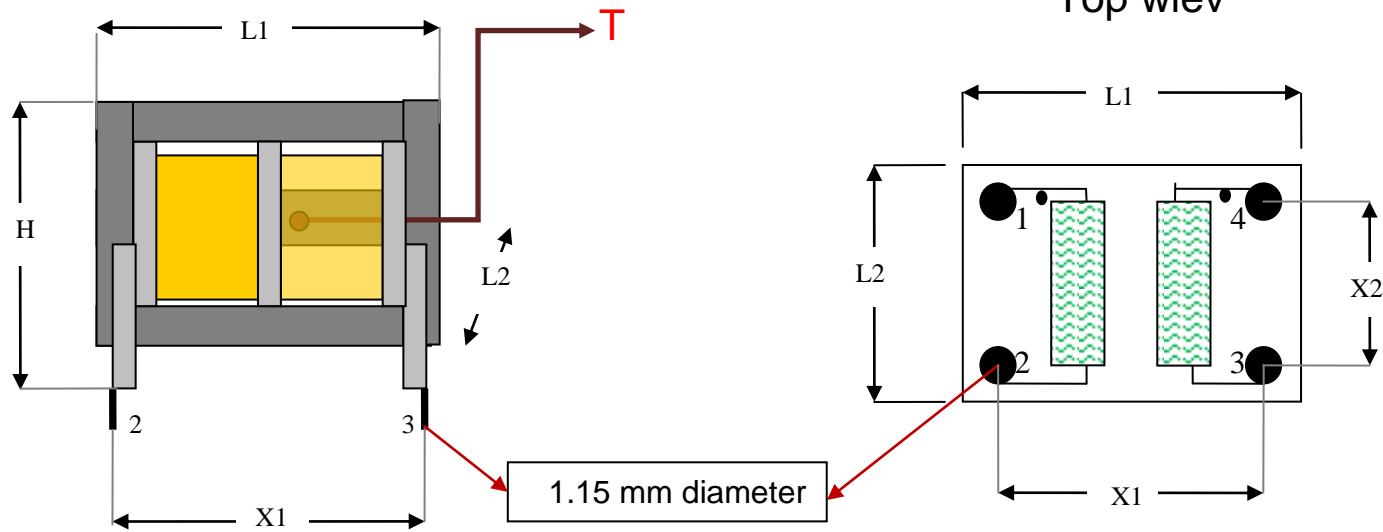


CHOKE

Current-compensated double chokes

Type: E16H2V



dimension	mm
L1	16.2
L2	11.5
H	19
X1	12.7
X2	8.9

CODE	INDUCTANCE +/- 20%	NOMINAL CURRENT	RESISTANCE	STRAY INDUCTANCE	TEMPERATURE CLASS	ΔT
E16H2V012	152mH	0.15A	14.3 Ω	781uH	F – 150°C	51°C
E16H2V015	126mH	0.2A	8.9 Ω	654uH	F – 150°C	53°C
E16H2V018	78.5mH	0.35A	5.2 Ω	416uH	F – 150°C	50°C
E16H2V020	56mH	0.5A	3.6 Ω	301uH	F – 150°C	48°C
E16H2V022	36mH	0.55A	2.1 Ω	182uH	F – 150°C	49°C
E16H2V025	23.5mH	0.65A	1.37 Ω	122uH	F – 150°C	49°C
E16H2V028	14mH	0.8A	880m Ω	91uH	F – 150°C	53°C
E16H2V030	9.2mH	0.9A	650m Ω	50uH	F – 150°C	52°C
E16H2V031	6.8mH	1.1A	485m Ω	36uH	F – 150°C	52°C

CODE	INDUCTANCE +/- 20%	NOMINAL CURRENT	RESISTANCE	STRAY INDUCTANCE	TEMPERATURE CLASS	ΔT
E16H2V035	5.2mH	1.25A	348m Ω	27.7uH	F – 150°C	50°C
E16H2V040	4mH	1.5A	248m Ω	20.8uH	F – 150°C	49°C
E16H2V045	2.25mH	2A	134m Ω	16uH	F – 150°C	49°C
E16H2V050	1.25mH	3.2A	80m Ω	9uH	F – 150°C	50°C
E16H2V056	800 μ H	3.7A	54m Ω	4.7uH	F – 150°C	52°C

MEASURE	Measure signal / Test Conditions
INDUCTANCE Value	100mV, 10KHz between pins 1,2 and 3,4
LEAKAGE INDUCTANCE	100mV, 10KHz, between 1,2 with 3,4 IN C.C.
STRAY INDUCTANCE	100mV, 10KHz, between 1,2 with 3,4 IN C.C. (without core)
DC RESISTANCE	measure at 20 °C
TEST VOLTAGE	2,2 KV AC between 1,2 Vs 4,3 (Tested for 2 seconds , to 100% of production)
ΔT	Growth of temperature to nominal current. "T" is point of temperature's measuring in the middle of the choke.

Material List	Material Composition	Country of origin	Ross compatible
Spool	Rynite FR530L (minimum thickness 0.6mm)	ITALY	YES
Wire	Invex : CL.F,G2/	ITALY	YES
Wire	SH ELEKTRODRAHT : SH SOLD V180 G2	GERMAN	YES
Solder	SACX0307 ALPHA	Unaided Kingdom	YES
CORE	3C11 FERROXCUBE N30 EPCOS	POLAND CZ	YES