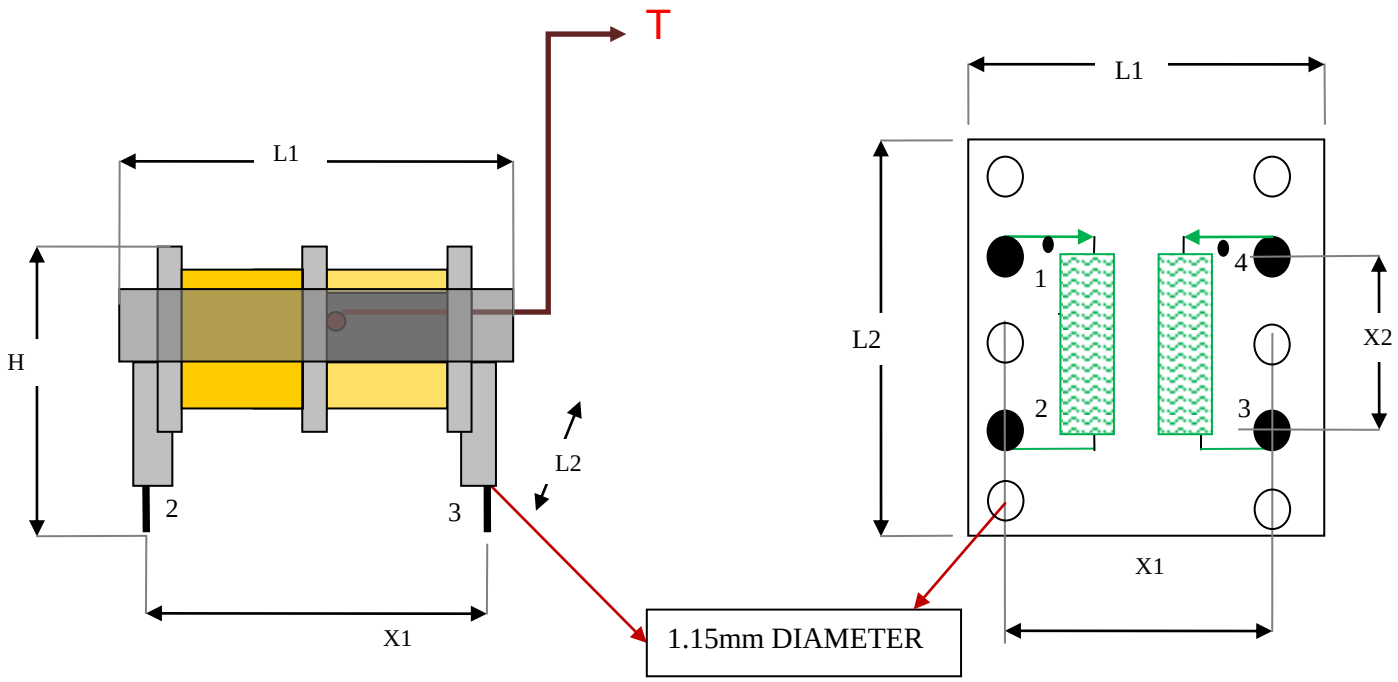
POWER LINE CHOKE
Current-compensated double chokes
Type: E30H2H



dimension	mm
L1	30
L2	30
H	21.6
X1	25.4
X2	10.16

CODE	Inductance +/- 20%	Nominal current	Resistance	Stray Inductance	Temperature class	ΔT
E30H2H030	250mH	0.5A	3.4Ω	842 uH	F/150°C	47°C
E30H2H035	130mH	0.8A	1.8Ω	450 uH	F/150°C	50°C
E30H2H040	94mH	1 A	1.5Ω	303 uH	F/150°C	58°C
E30H2H045	70mH	1.35A	850mΩ	238 uH	F/150°C	55°C
E30H2H050	38mH	1.5A	480mΩ	122 uH	F/150°C	50°C
E30H2H056	28mH	2A	340mΩ	93 uH	F/150°C	55°C

E30H2H063	16mH	2.5A	205mΩ	55 uH	F/150°C	40°C
E30H2H071	10mH	3A	134mΩ	36 uH	F/150°C	50°C
E30H2H080	5mH	4.5A	71mΩ	18 uH	F/150°C	48°C
E30H2H090	3mH	6A	41mΩ	10 uH	F/150°C	50°C
E30H2H100	1.9mH	9A	28mΩ	8.4uH	F/150°C	50°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 between 1,2 Vs 4,3 (Tested for 3 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 1mm)	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 N30epcos	POLAND CZ	YES

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