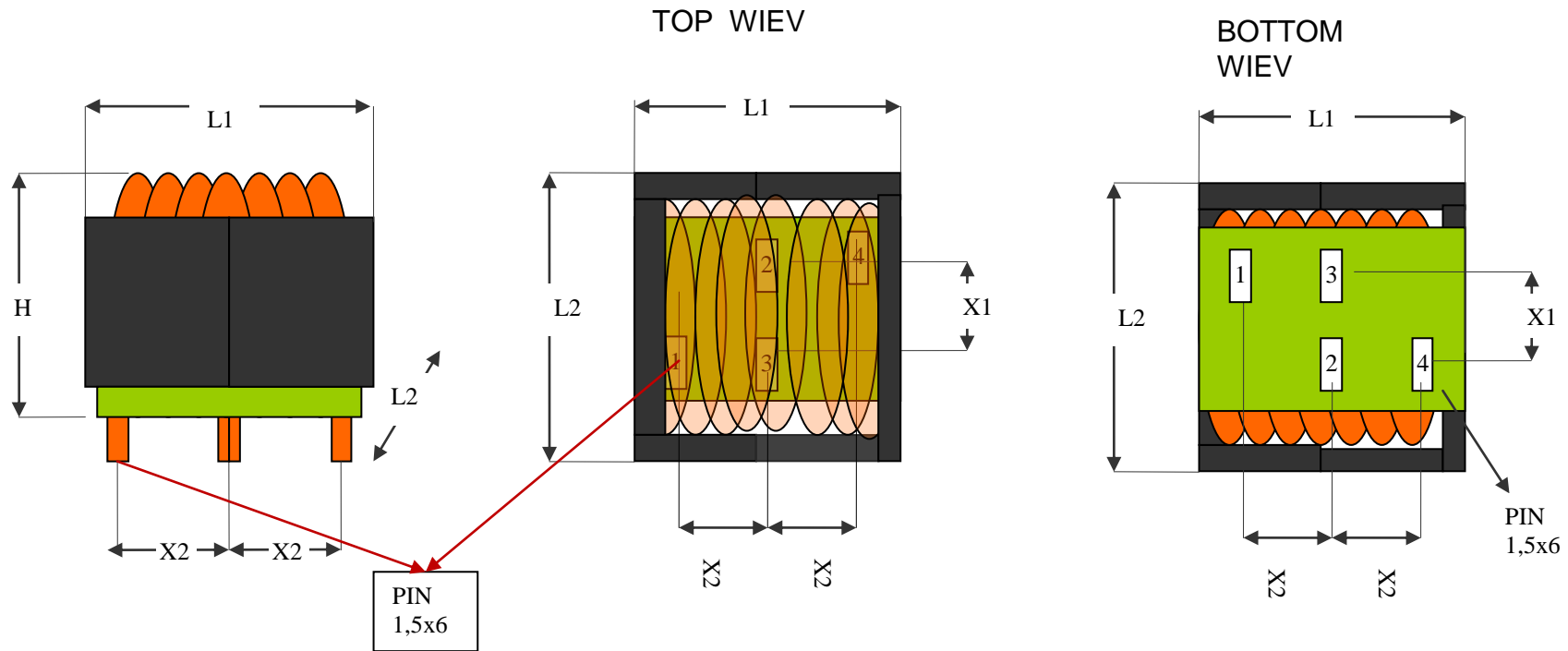


HIGH POWER LINE CHOKE

Current-compensated double chokes

Type: ER48H2-280



CODICE	INDUCTANCE +/- 20%	CURRENT MAX	STRAY INDUCTANCE	RESISTANCE	L1	L2	H	X1	X2	WINDING1 PIN IN-----OUT	WINDING2 PIN IN-----OUT	OUTPUT DIMENSIONS
ER48H2-280	280 uH	50A	903 nH	0.9 mΩ	44,5	48,5	35,5	25.4	12.8	1-----2	1 ----- 2	6x1,5mm

MEASURE	Measure signal / Test Conditions
INDUCTANCE Value	100mV, 10KHz between pins 1,2 and 3,4
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)

Material List	Material Composition	Country of Origin	Ross compatible
support	Rynite FR530L (minimum thickness 0.65mm)	ITALY	YES
copper	Invex : CL.H,G2/	ITALY	YES
copper	SH ELEKTRODRAHT : SH SOLD V180 G2	GERMAN	YES
Solder	SACX0307 ALPHA	Unaided Kingdom	YES
Core	3C90 FERROXCUBE	POLAND	YES