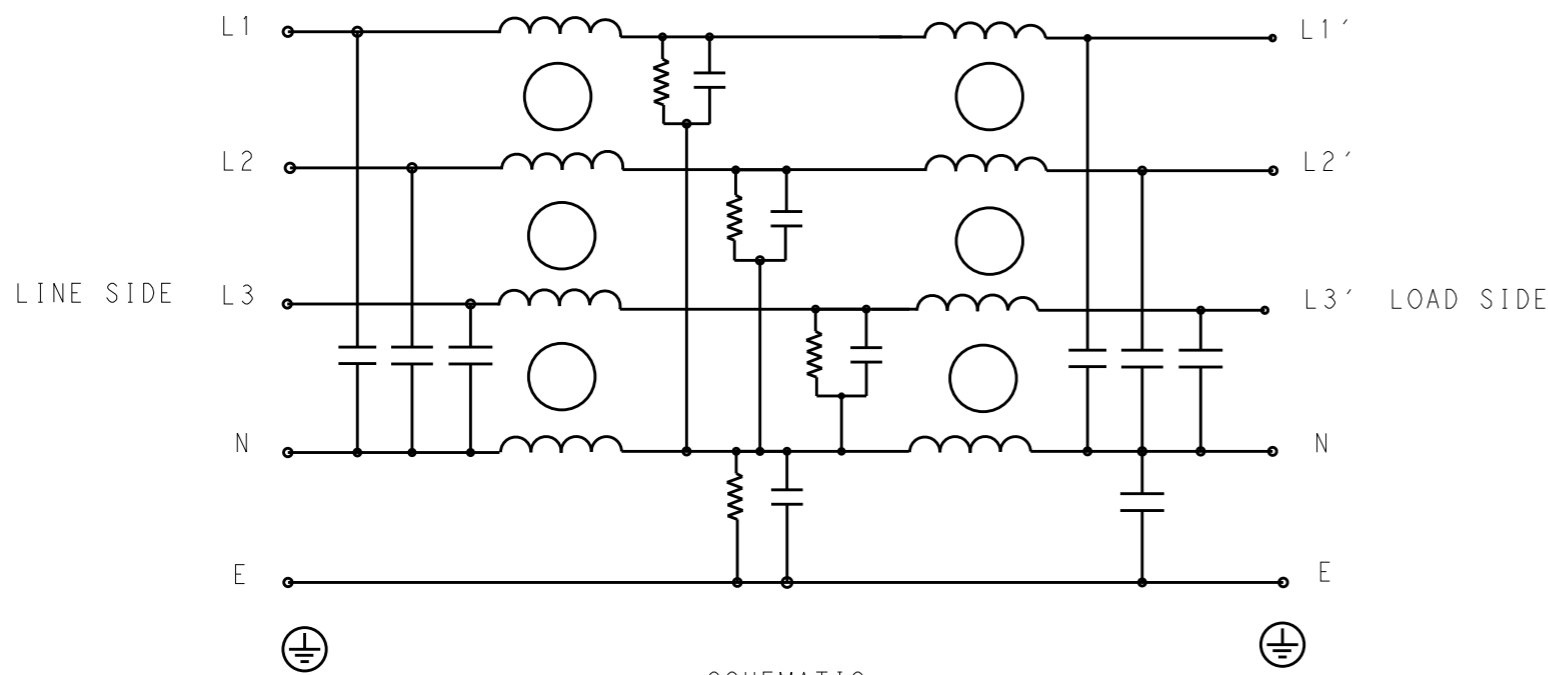


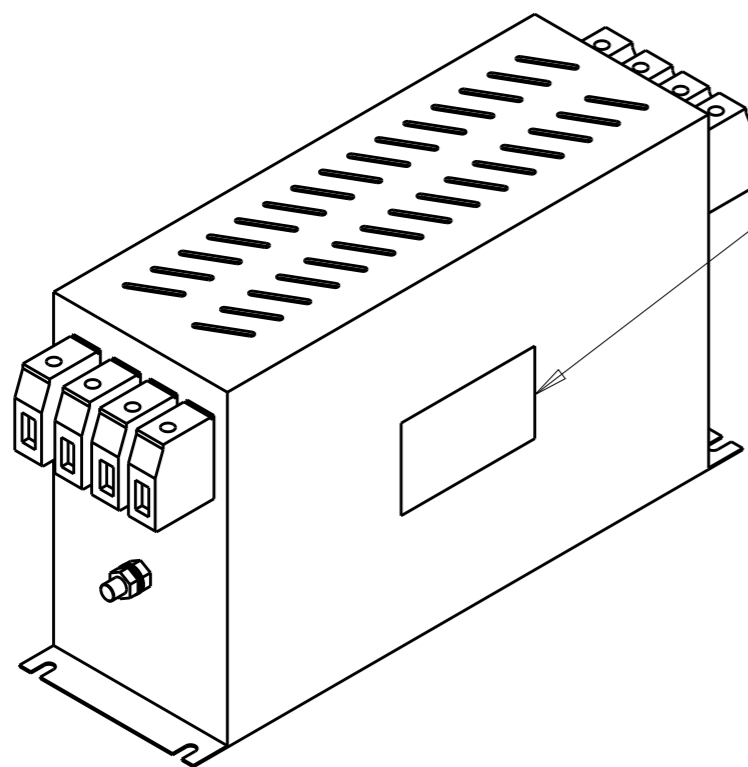
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



SCHMATIC

TYPICAL INSERTION LOSS
COMMON MODE 50/50Ω; DIFFERENTIAL MODE 50/50Ω

MHz	0.01	0.05	0.15	0.5	1	3	5	10	30
CM	39	41	50	66	60	50	45	37	17
DM	49	50	54	53	45	33	26	19	19



LABEL TO TE MARKING SPECIFICATION

SAFETY ORGANIZATIONS

THIS FILTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET:

UL RECOGNIZED* 125A 440V 50Hz/60Hz 50°C
 CSA CERTIFIED** 125A 440V 50Hz/60Hz 50°C
 *31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION

LINE CURRENT/VOLTAGE: 125A, 440VAC
 LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 11mA @ 230VAC, 50Hz

OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -10°C TO +50°C

IN AN AMBIENT, T_a, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{105 - T_a}{55}}$$

RELIABILITY SPECIFICATIONS

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C AND 95% RH

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 0.2mH

CAPACITANCE @ 1kHz

NEUTRAL TO GROUND, NOMINAL: 2.2μF
 LINE TO NEUTRAL, NOMINAL: 13.2μF

DISCHARGE RESISTOR


L/L I.R. 2MΩ 2W
 L/N I.R. 1.5MΩ 2W
 L/G I.R. 2MΩ 2W
 N/G I.R. 680KΩ 2W
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ

RECOMMENDED RECEIVING INSPECITON HIPOT

LINE TO GROUND FOR 1 MINUTE: 2632VDC
 LINE TO LINE FOR 1 MINUTE: 1892VDC
 LINE TO NEUTRAL FOR 1 MINUTE: 1093VDC

FILTER APPROVAL

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

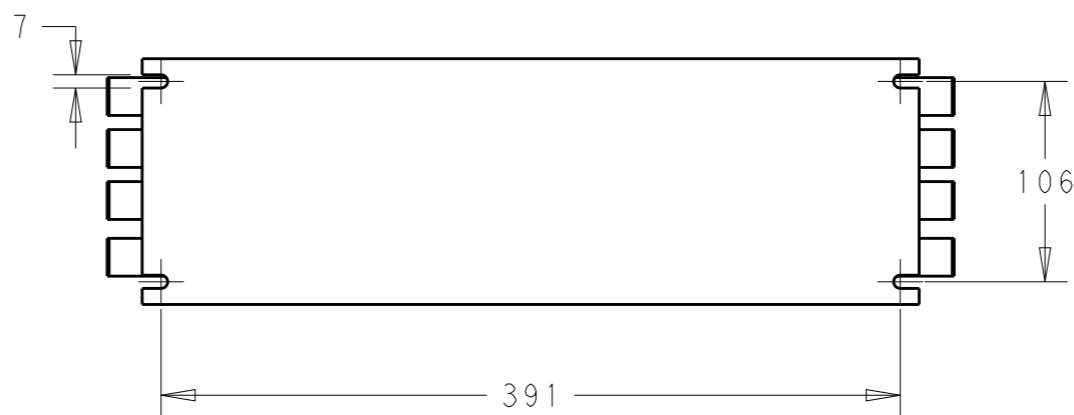
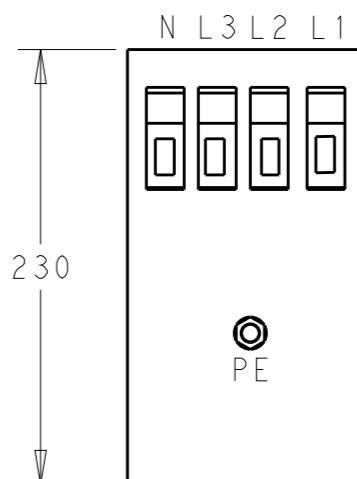
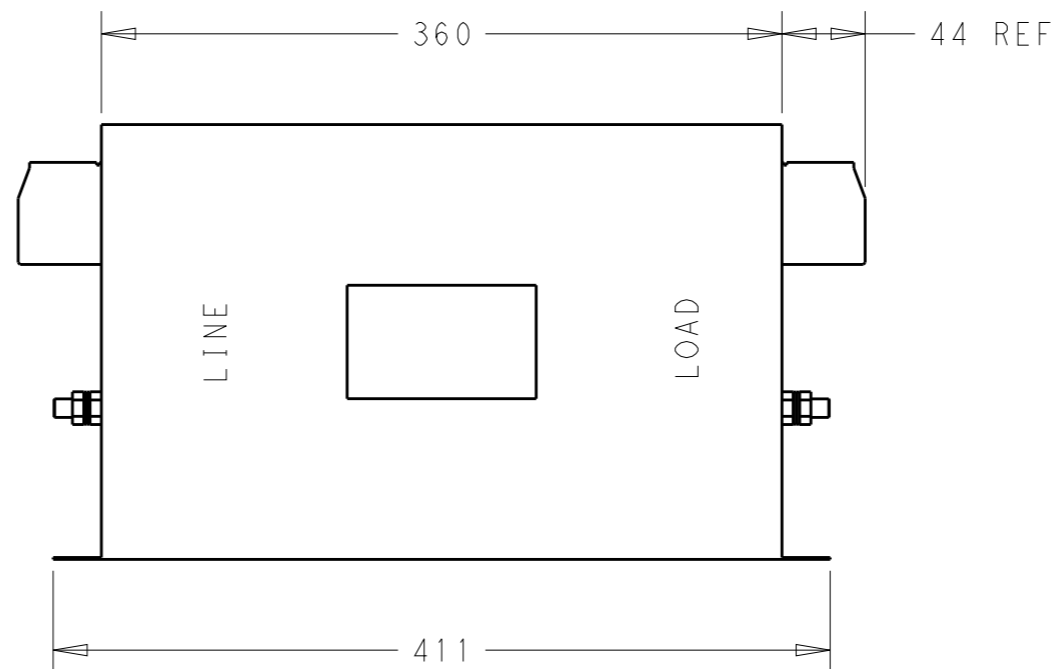
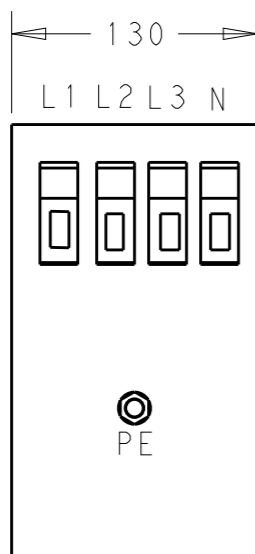
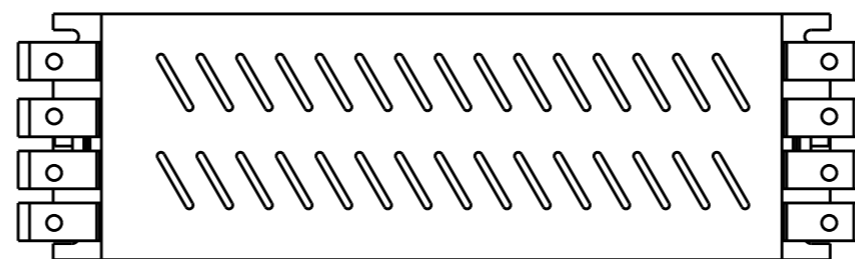
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 02MAR2020 SHRICHARANA B	 TE Connectivity	
DIMENSIONS: mm		CHK 02MAR2020 LEO IRUDHAYARAJ		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 02MAR2020 LEO IRUDHAYARAJ	NAME POWER LINE FILTER 125KEVD10ABSW	
0 PLC ±-		PRODUCT SPEC	SIZE	
1 PLC ±0.5		APPLICATION SPEC	CAGE CODE	
2 PLC ±0.40		WEIGHT	DRAWING NO	
3 PLC ±0.130		CUSTOMER DRAWING	RESTRICTED TO	
4 PLC ±0.0500		SCALE 1:4	SHEET 1 OF 2	
ANGLES ±-		REV B		
MATERIAL		A300779 C-2-1609998-7		
FINISH				

© 2020 TE Connectivity. All Rights Reserved.

NOTE 1 GROUND CONNECTION:
 DO NOT LOOSEN INNER GROUND NUTS.
 TORQUE OUTER TERMINAL SCREWS: 6 Nm / 54 in.lbs
 TORQUE GROUND NUTS: 4-10Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
 AWG SIZE: 6-1 AWG
 WIRE SECTION: 50mm²
 THREADED BOLT SIZE FOR GROUND: M10

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 02MAR2020 SHRICHARANA B														
DIMENSIONS: mm		CHK 02MAR2020 LEO IRUDHAYARAJ														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 02MAR2020 LEO IRUDHAYARAJ	NAME POWER LINE FILTER 125KEVD10ABSW													
<table border="1"> <tr> <td>0 PLC</td> <td>±0.5</td> </tr> <tr> <td>1 PLC</td> <td>±0.40</td> </tr> <tr> <td>2 PLC</td> <td>±0.130</td> </tr> <tr> <td>3 PLC</td> <td>±0.0500</td> </tr> <tr> <td>4 PLC</td> <td>±</td> </tr> <tr> <td>ANGLES</td> <td>±</td> </tr> </table>		0 PLC	±0.5	1 PLC	±0.40	2 PLC	±0.130	3 PLC	±0.0500	4 PLC	±	ANGLES	±	PRODUCT SPEC -	SIZE A300779	
0 PLC	±0.5															
1 PLC	±0.40															
2 PLC	±0.130															
3 PLC	±0.0500															
4 PLC	±															
ANGLES	±															
MATERIAL -		APPLICATION SPEC -	DRAWING NO C-2-1609998-7													
FINISH -		WEIGHT -	RESTRICTED TO -													
		CUSTOMER DRAWING	SCALE 1:4	SHEET 2 OF 2												
				REV B												