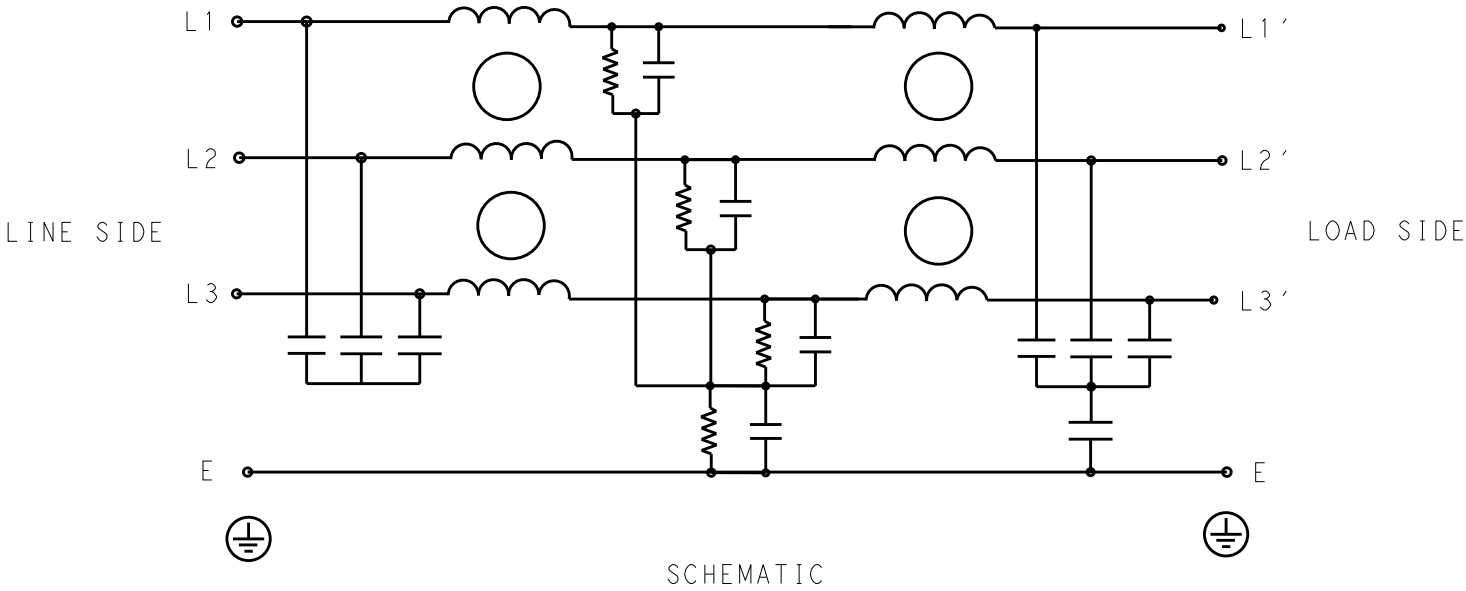
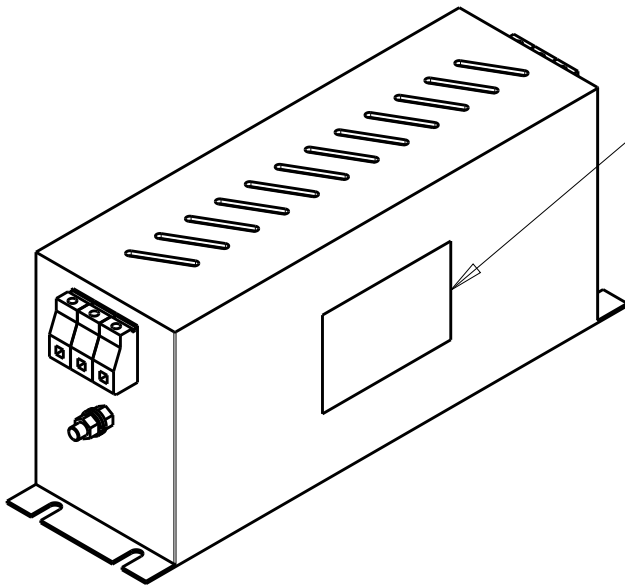


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



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	70	72	75	80	75	60	50	48	19
DM	45	50	33	47	50	48	38	22	65



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* 7A 440V 50Hz/60Hz 40°C
CSA CERTIFIED** 7A 440V 50Hz/60Hz 40°C

*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION

LINE CURRENT/VOLTAGE: 7A, 440VAC
LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 10mA @ 230VAC, 50Hz

OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

RELIABILITY SPECIFICATIONS

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

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 10mH

CAPACITANCE @ 1kHz

LINE TO GROUND, NOMINAL: 0.66μF
LINE TO LINE, NOMINAL: 1.5μF

DISCHARGE RESISTOR

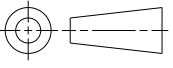
L/L I.R. 3MΩ 1W
L/N I.R. XXX
L/G I.R. 680KΩ 1W
N/G I.R. XXX
IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ

RECOMMENDED RECEIVING INSPECITON HIPOI

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

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 26FEB2020 SHRICARANA B	 TE Connectivity		
		CHK 26FEB2020 LEO IRUDHAYARAJ			
		APVD 26FEB2020 LEO IRUDHAYARAJ			
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME POWER LINE FILTER 7KEHD10ABSD		
		0 PLC ±0.5	SIZE		
		1 PLC ±0.40	CAGE CODE		
		2 PLC ±0.130	DRAWING NO		
		3 PLC ±0.0500	RESTRICTED TO		
		4 PLC ±0.0500			
MATERIAL		FINISH	A300779		
			C-2-1609969-0		
			CUSTOMER DRAWING		
			SCALE 2:5		
			SHEET 1 OF 2		
			REV B		

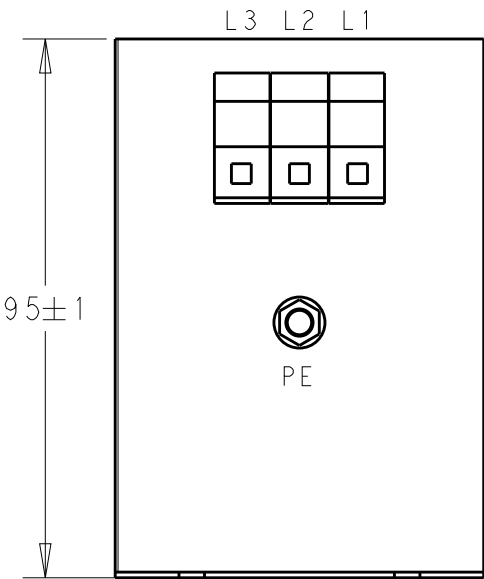
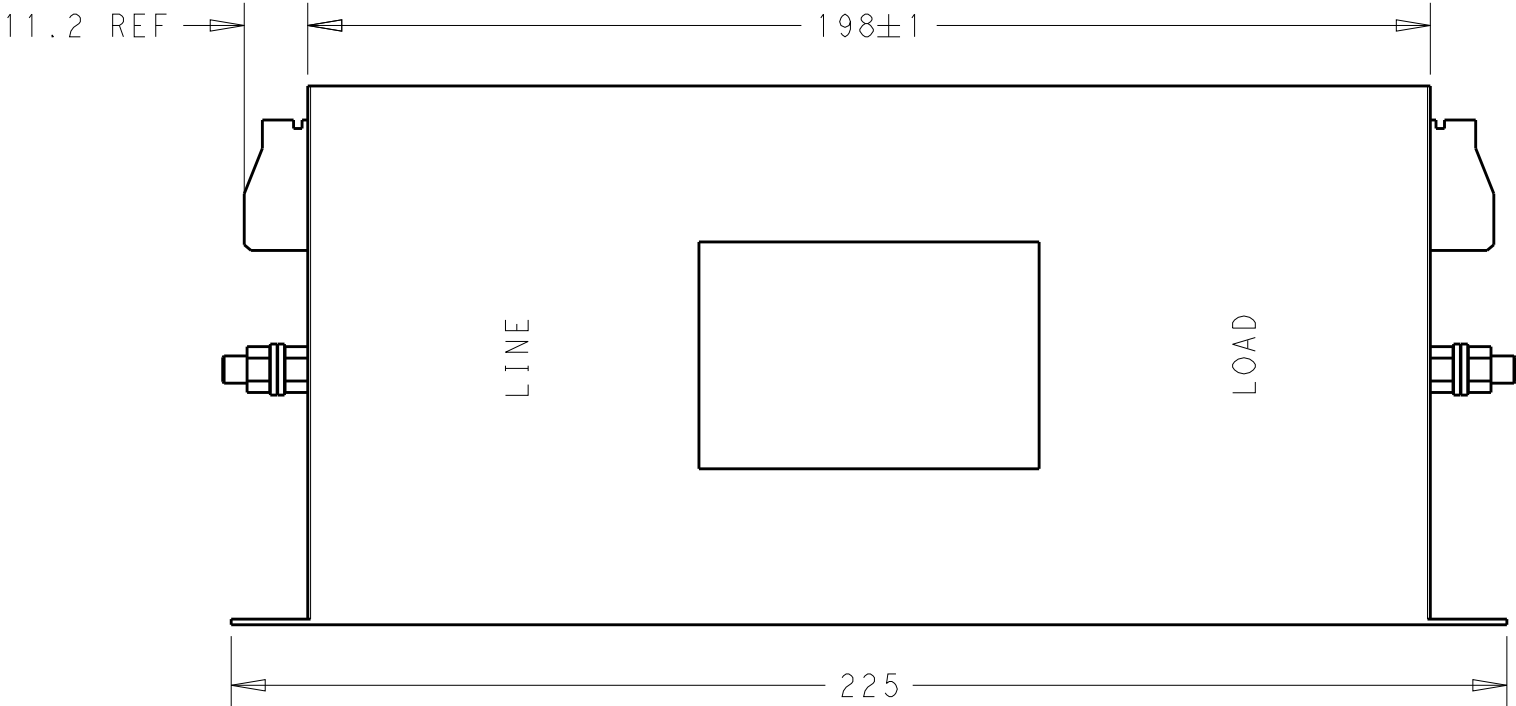
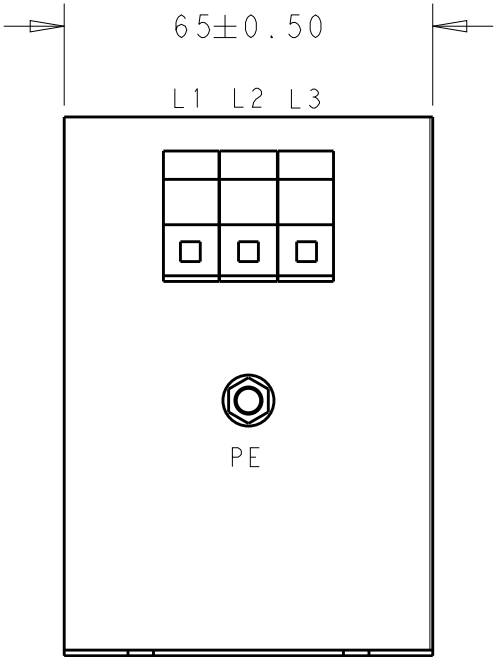
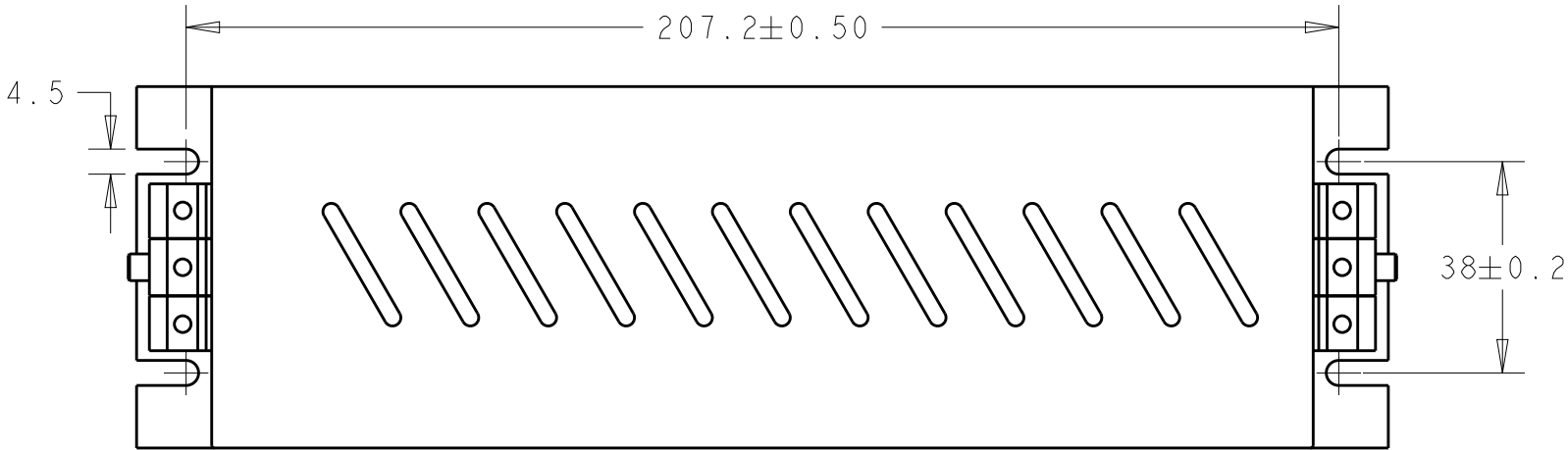
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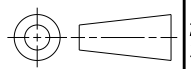
NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL SCREWS: 0.5Nm / 4.5 in.lbs
TORQUE GROUND NUTS: 2Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
AWG SIZE: 26-12 AWG
WIRE SECTION: 4mm²
THREADED BOLT SIZE FOR GROUND: M5

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHRICHARANA B 26FEB2020	 TE Connectivity		
DIMENSIONS: mm		CHK LEO IRUDHAYARAJ 26FEB2020			
		APVD LEO IRUDHAYARAJ 26FEB2020	NAME POWER LINE FILTER 7KEHD10ABSD		
		PRODUCT SPEC -	SIZE A300779		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC -	CAGE CODE C-2-1609969-0		
MATERIAL -		WEIGHT -	DRAWING NO C-2-1609969-0		
FINISH -		CUSTOMER DRAWING	RESTRICTED TO -		
		SCALE 3:4	SHEET 2 OF 2		
			REV B		