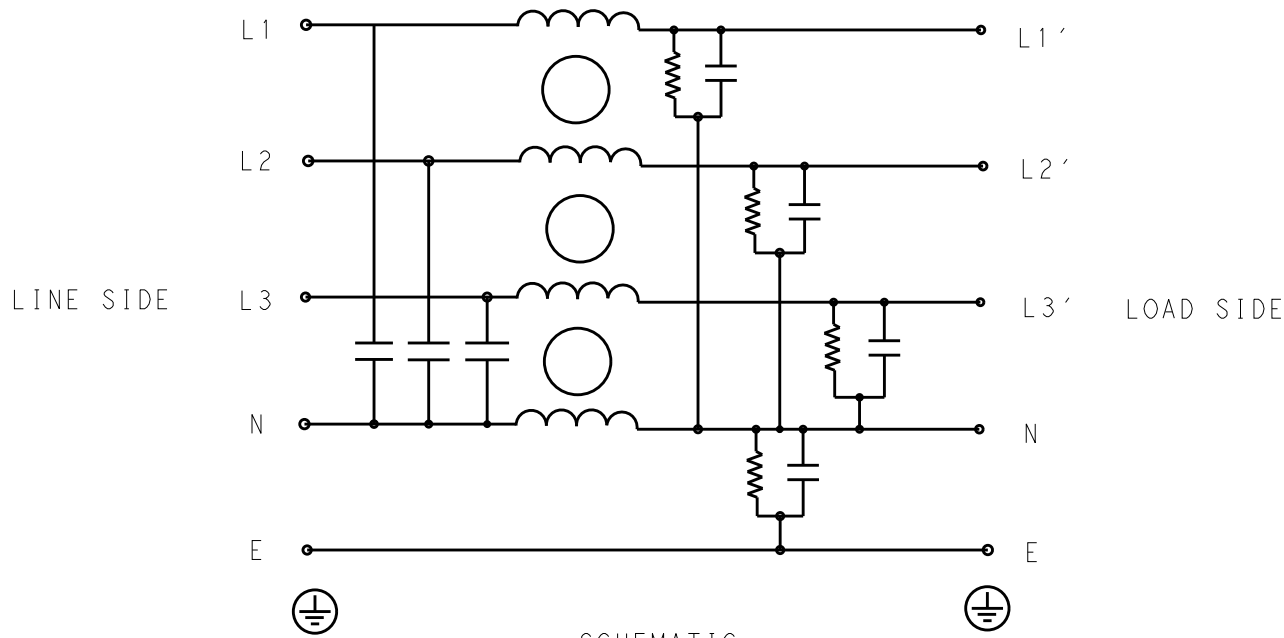
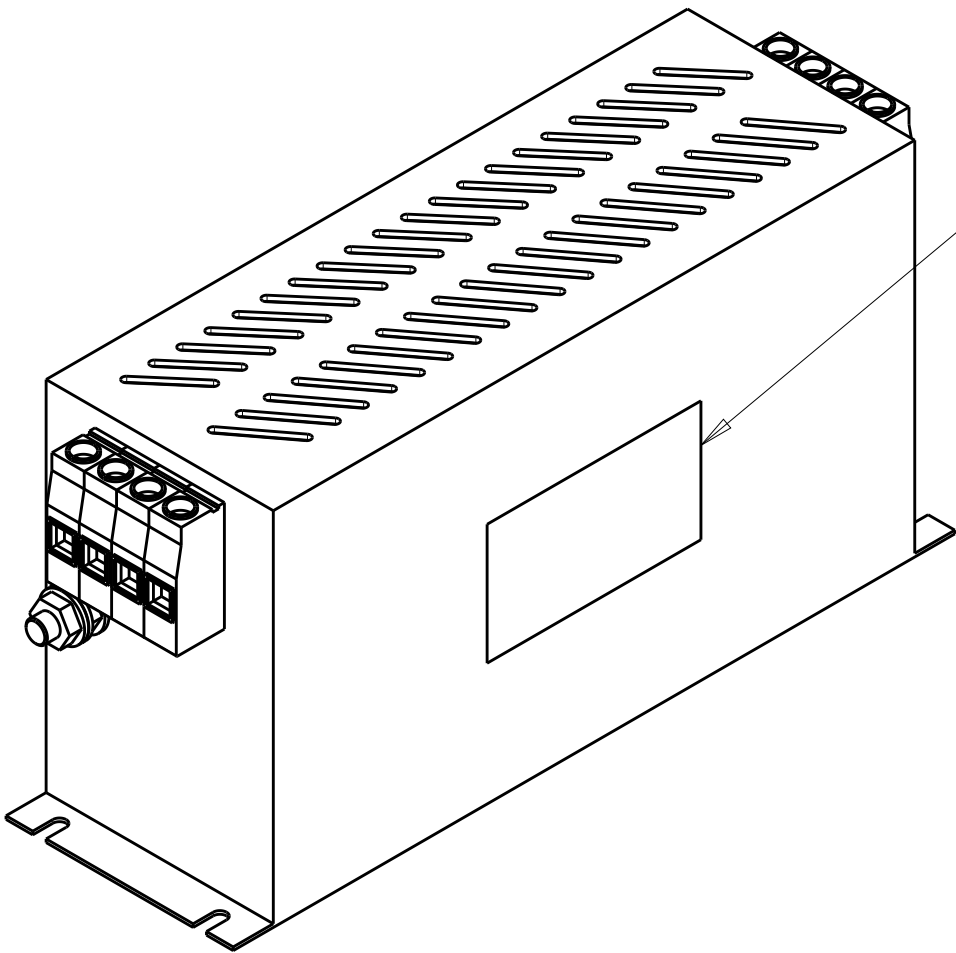


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



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	30	35	48	60	64	57	30	22	15
DM	27	32	41	56	68	60	49	38	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* 75A 440V 50Hz/60Hz 40°C
CSA CERTIFIED** 75A 440V 50Hz/60Hz 40°C
*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION

LINE CURRENT/VOLTAGE: 75A, 440VAC
LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 6mA @ 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: 0.35mH

CAPACITANCE @ 1kHz

NEUTRAL TO GROUND, NOMINAL: 1μF
LINE TO NEUTRAL, NOMINAL: 4.4μF

DISCHARGE RESISTOR


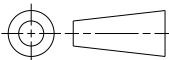
L/L I.R. 2MΩ 2W
L/N I.R. 1.5MΩ 2W
L/G I.R. 2MΩ 2W
N/G I.R. 680KΩ 2W
IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ

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 27FEB2020 SHRIC HARANA B		 TE Connectivity					
		CHK 27FEB2020 LEO IRUDHAYARAJ							
		APVD 27FEB2020 LEO IRUDHAYARAJ							
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME POWER LINE FILTER 75KEPS10ABSW					
		0 PLC ±- 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±-							
MATERIAL - -		FINISH - -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
				A3	00779	C-3-1609968-4	-		
CUSTOMER DRAWING				SCALE	1:2	SHEET	1 OF 2	REV	B

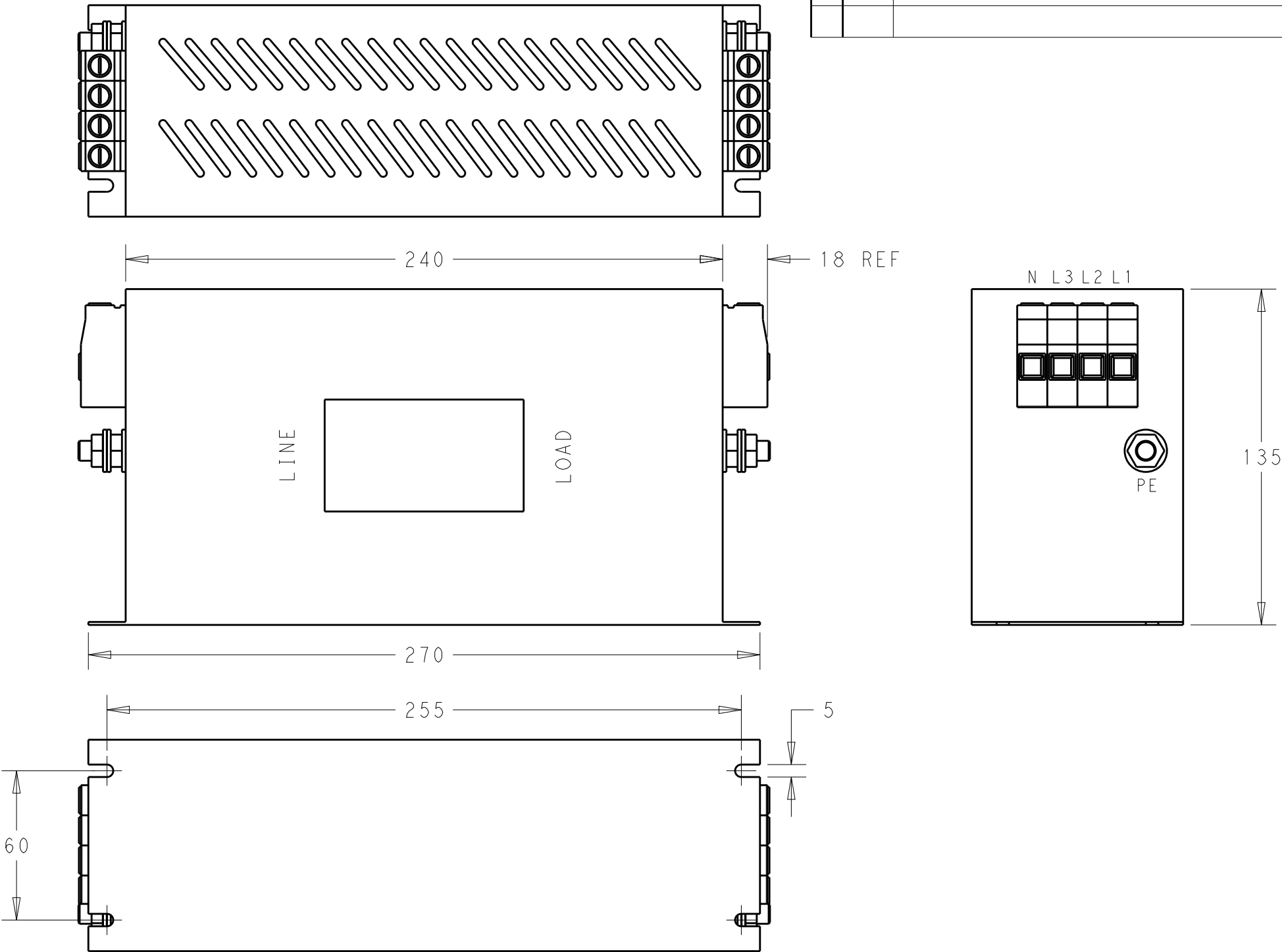
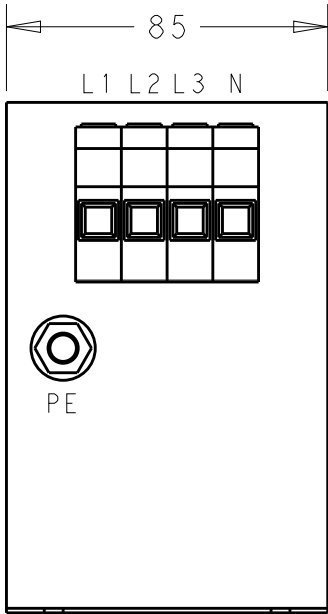
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NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL SCREW: 2-2.2Nm / 18-19.8 in.lbs
TORQUE GROUND NUTS: 3.5-6Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
AWG SIZE: 12-8 AWG
WIRE SECTION: 16 mm²
THREADED BOLT SIZE FOR GROUND: M8

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHRICHARANA B 27FEB2020	 TE Connectivity		
DIMENSIONS: mm		CHK LEO IRUDHAYARAJ 27FEB2020			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD LEO IRUDHAYARAJ 27FEB2020	NAME POWER LINE FILTER 75KEPS10ABSW		
0 PLC ±0.5 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±0.5		PRODUCT SPEC -	SIZE A3		
MATERIAL -		APPLICATION SPEC -	CAGE CODE 00779		
FINISH -		WEIGHT -	DRAWING NO C-3-1609968-4		
		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 1:2		
			SHEET 2 OF 2		
			REV B		