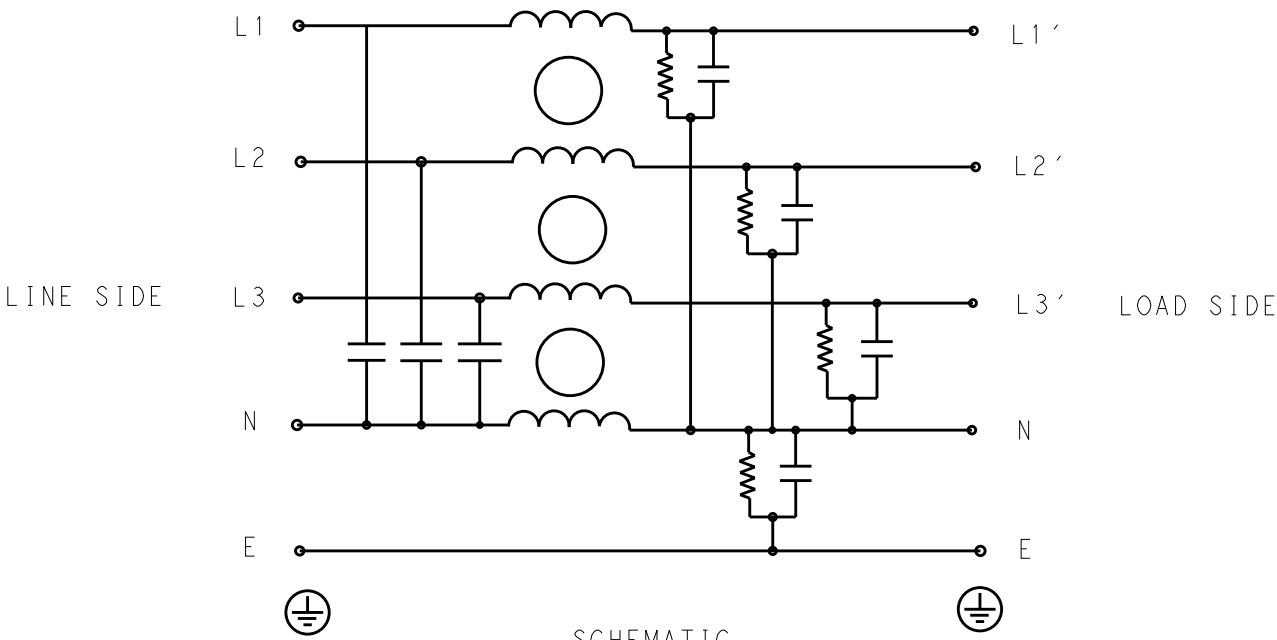
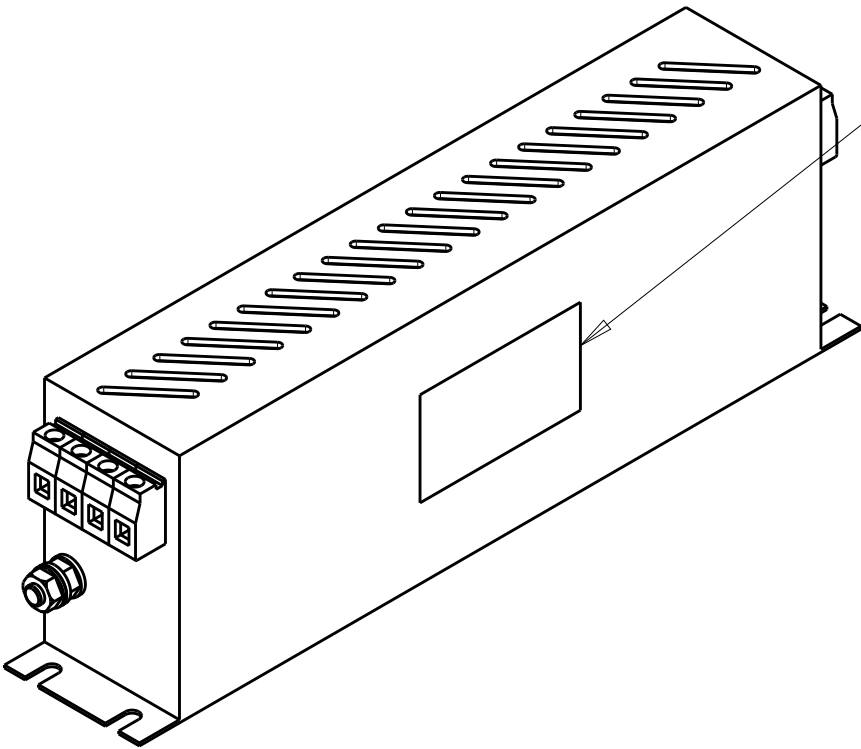


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



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	21	23	35	61	67	50	43	37	19
DM	28	29	38	75	67	59	48	21	24



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* 30A 440V 50Hz/60Hz 40°C
CSA CERTIFIED** 30A 440V 50Hz/60Hz 40°C
*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION

LINE CURRENT/VOLTAGE: 30A, 440VAC
LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 5mA @ 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: 2.4mH

CAPACITANCE @ 1kHz

NEUTRAL TO GROUND, NOMINAL: 0.47μF
LINE TO NEUTRAL, NOMINAL: 2μF

DISCHARGE RESISTOR

L/L I.R. 2MΩ 1W
L/N I.R. 1.5MΩ 1W
L/G I.R. 2MΩ 1W
N/G I.R. 680KΩ 1W
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
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.

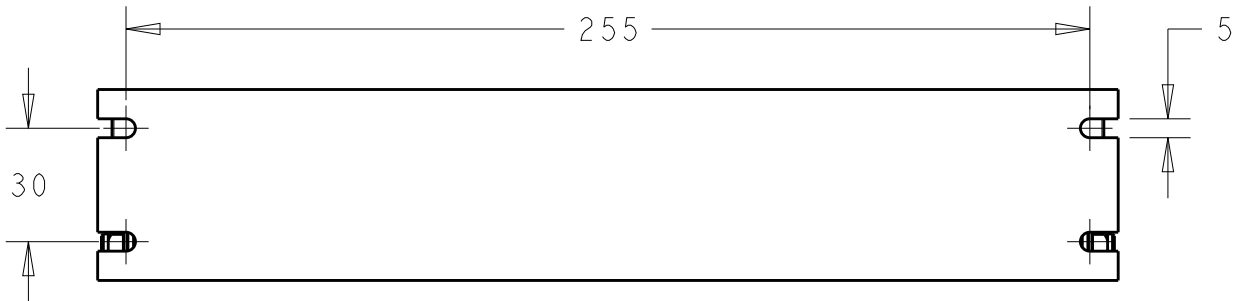
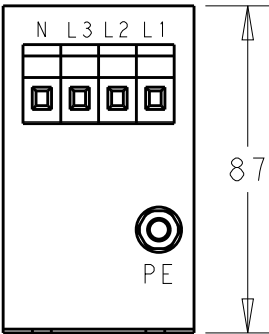
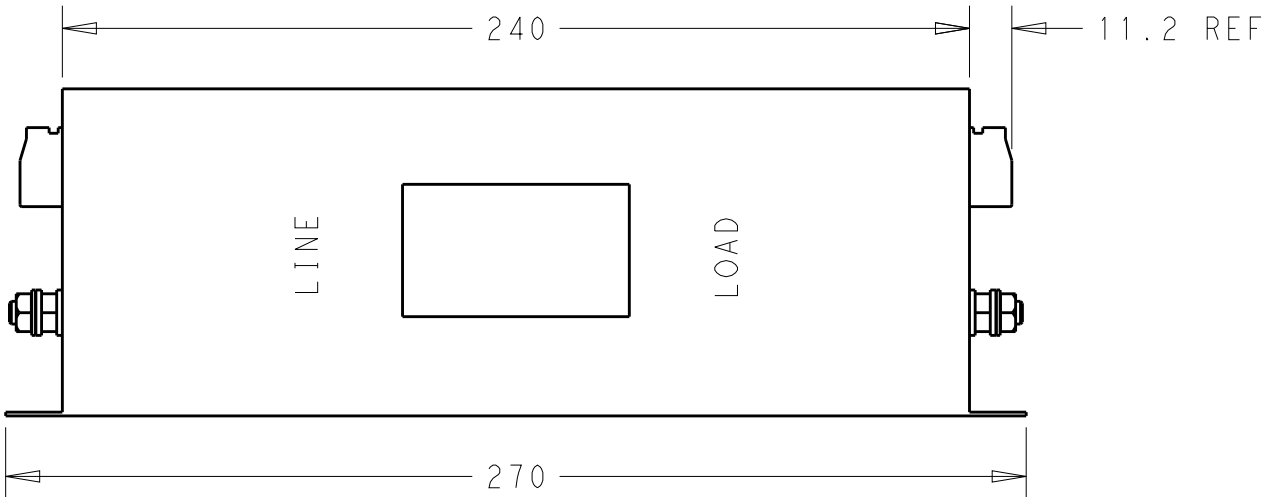
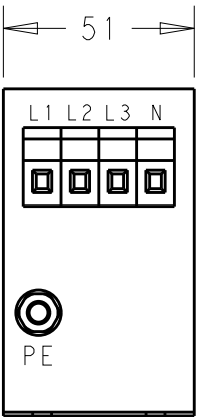
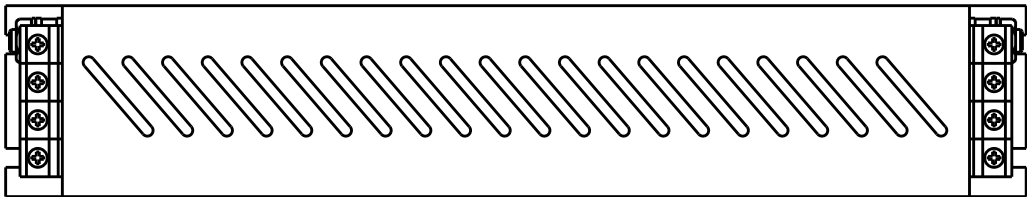
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27FEB2020 SHRIC HARANA B	TE Connectivity		
		CHK 27FEB2020 LEO IRUDHAYARAJ			
		APVD 27FEB2020 LEO IRUDHAYARAJ			
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME POWER LINE FILTER 30KEPS10ABSW		
		0 PLC ±0.5 1 PLC ±0.40 2 PLC ±0.130 3 PLC ±0.0500 4 PLC ANGLES ±0.5	APPLICATION SPEC		
MATERIAL		FINISH	RESTRICTED TO		
-		-	-		
-		-	-		
		CUSTOMER DRAWING	SIZE A3	CAGE CODE 00779	DRAWING NO C-3-1609968-1
			SCALE 1:2	SHEET 1 OF 2	REV B

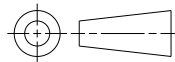
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NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL SCREW: 0.5Nm / 4.5 in.lbs
TORQUE GROUND NUTS: 2.5-3Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
AWG SIZE: 26-12 AWG
WIRE SECTION: 4 mm²
THREADED BOLT SIZE FOR GROUND: M6

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27FEB2020 SHRICARANA B		 TE Connectivity					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME POWER LINE FILTER 30KEPS10ABSW					
		0 PLC ±0.5		SIZE A3					
		1 PLC ±0.40							
		2 PLC ±0.130							
		3 PLC ±0.0500							
4 PLC ANGLES ±0.5		PRODUCT SPEC -		CAGE CODE 00779					
MATERIAL -		FINISH -		DRAWING NO C-3-1609968-1					
-		-		RESTRICTED TO -					
CUSTOMER DRAWING				SCALE 1:2		SHEET 2 OF 2		REV B	