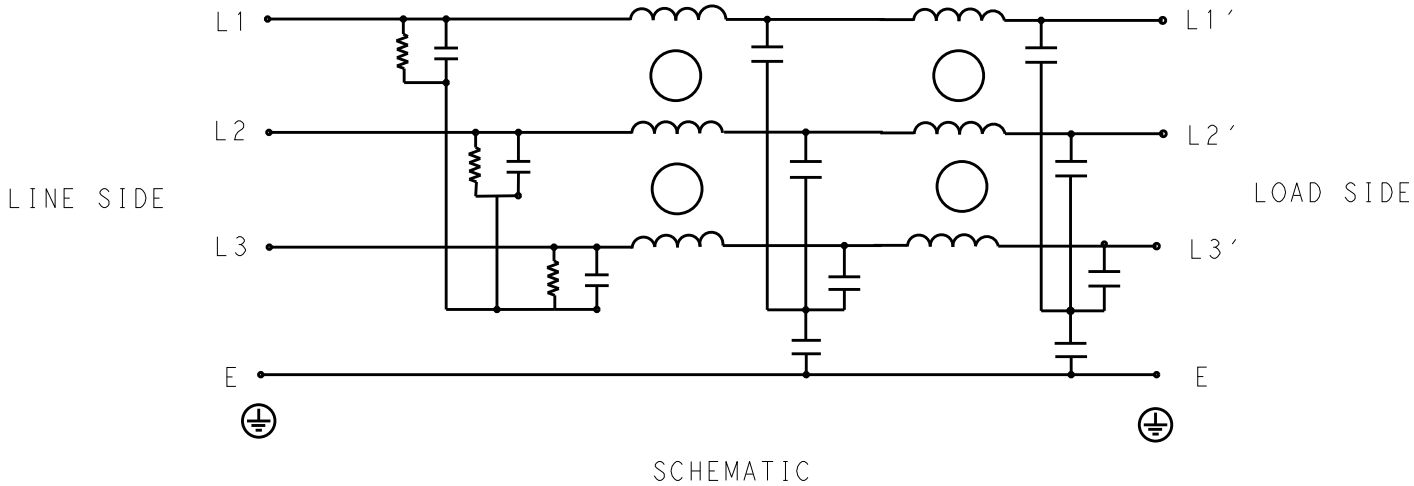
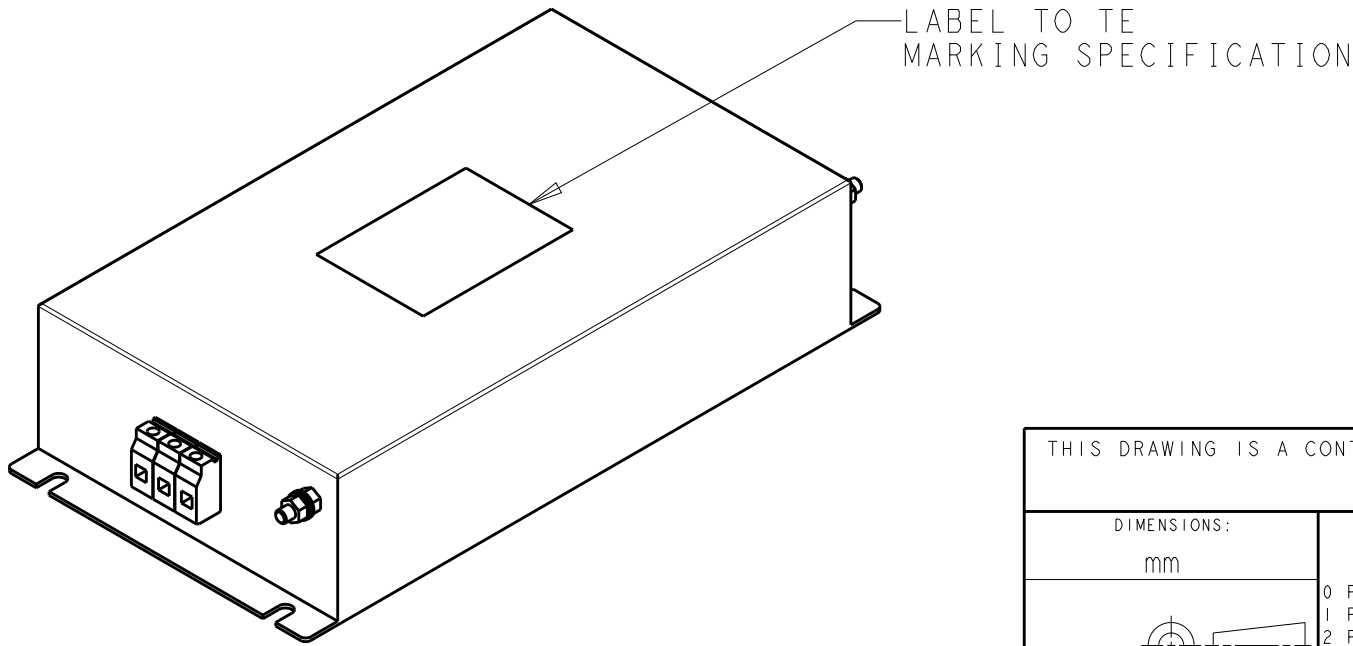


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



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	11	20	72	75	77	66	62	51	32
DM	29	36	76	78	79	64	48	23	26



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* 40A 520V 50Hz/60Hz 40°C
CSA CERTIFIED** 40A 520V 50Hz/60Hz 40°C

*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION
LINE CURRENT/VOLTAGE: 40A, 520VAC
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

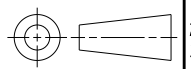
TEST SPECIFICATIONS
INDUCTANCE, NOMINAL: 2mH

CAPACITANCE @ 1kHz
LINE TO GROUND, NOMINAL: 0.373μF
LINE TO LINE, NOMINAL: 7.1μF

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

RECOMMENDED RECEIVING INSPECITON HIPOT
LINE TO GROUND FOR 1 MINUTE: 2856VDC
LINE TO LINE FOR 1 MINUTE: 2236VDC

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 SHRICARANA B 27FEB2020	 TE Connectivity		
DIMENSIONS: mm		CHK LEO IRUDHAYARAJ 27FEB2020			
		APVD LEO IRUDHAYARAJ 27FEB2020			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±-		-	NAME POWER LINE FILTER 40KEHD10BFPD		
1 PLC ±0.5		APPLICATION SPEC			
2 PLC ±0.40		-	SIZE	CAGE CODE	DRAWING NO
3 PLC ±0.130		WEIGHT	A3	00779	C-4-1609969-3
4 PLC ±0.0500		CUSTOMER DRAWING	SCALE 2:5 SHEET 1 OF 2 REV B		
ANGLES ±-					
MATERIAL		FINISH			
-		-			
-		-			

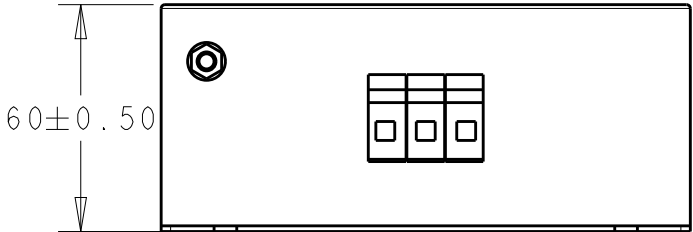
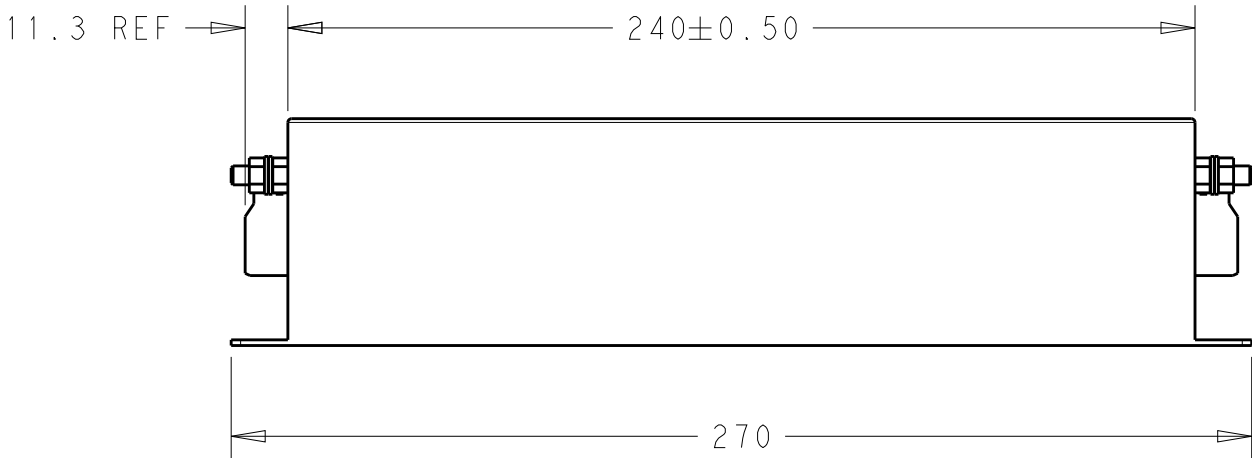
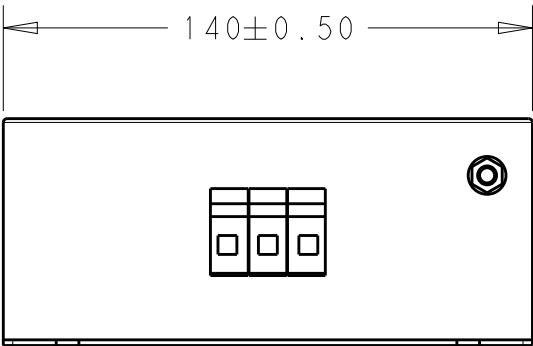
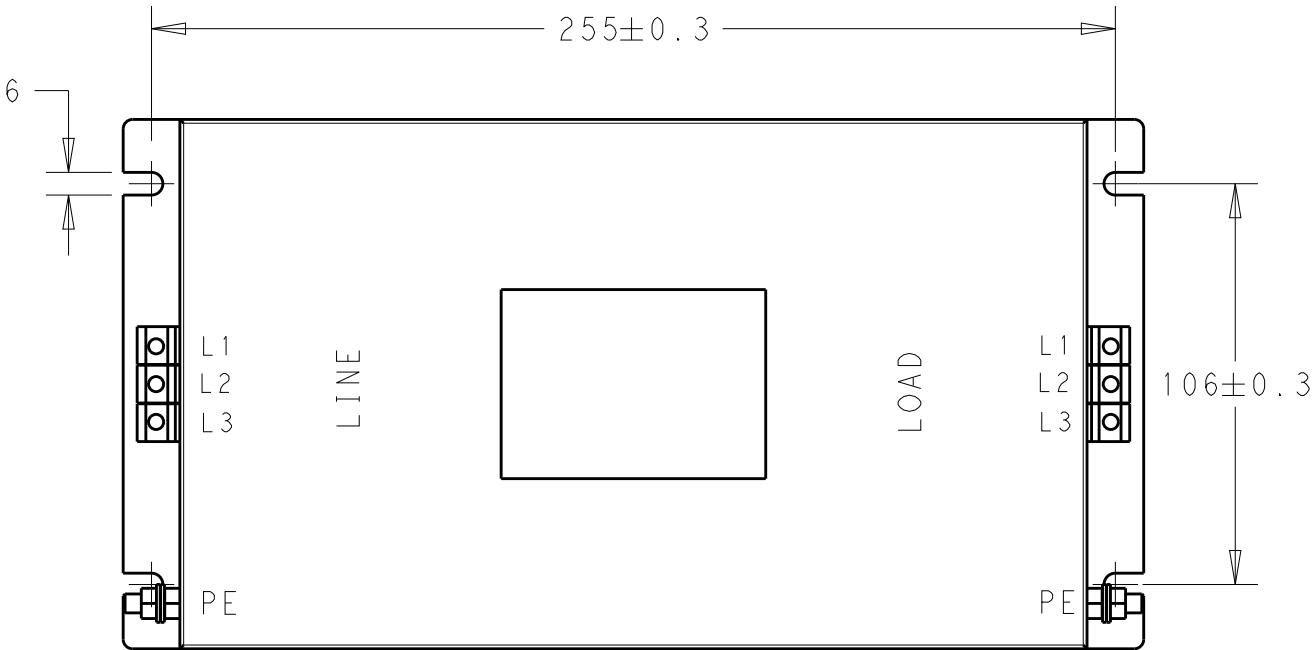
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NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL SCREWS: 1.2Nm / 10.8 in.lbs
TORQUE GROUND NUTS: 2Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
AWG SIZE: 26-8 AWG
WIRE SECTION: 10 mm²
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 27FEB2020	 TE Connectivity		
DIMENSIONS: mm		CHK LEO IRUDHAYARAJ 27FEB2020			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD LEO IRUDHAYARAJ 27FEB2020	NAME POWER LINE FILTER 40KEHD10BFPD		
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-4-1609969-3		
-		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 1:2		
			SHEET 2 OF 2		
			REV B		