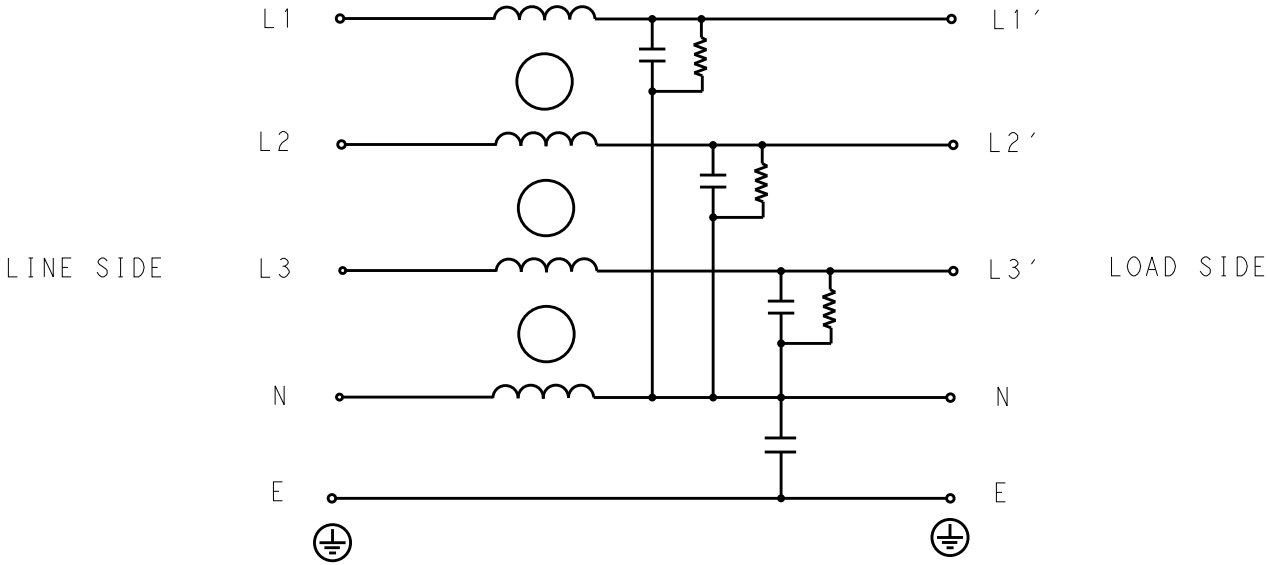
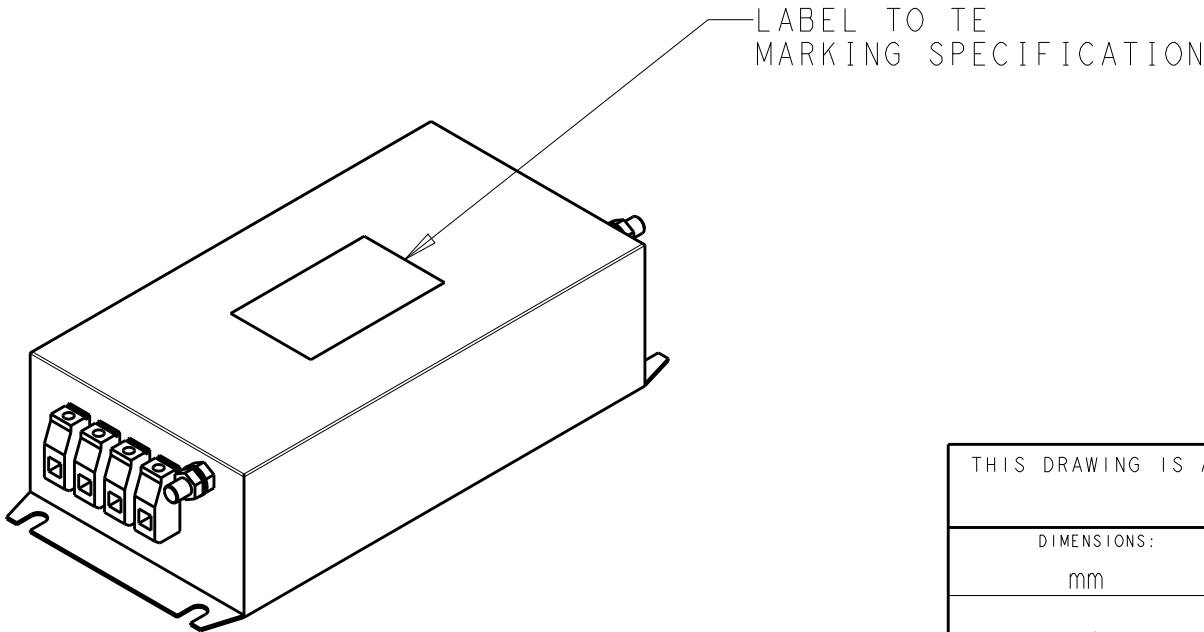


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	07JUL2020	SB	LI



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	2	3	7	22	29	44	43	30	16
DM	37	39	46	53	41	31	27	19	17



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 520V 50Hz/60Hz 40°C
CSA CERTIFIED** 75A 520V 50Hz/60Hz 40°C

*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION
LINE CURRENT/VOLTAGE: 75A, 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: 0.2 mH

CAPACITANCE @ 1kHz
LINE TO GROUND, NOMINAL: 22nF
LINE TO NEUTRAL, NOMINAL: 5μF

DISCHARGE RESISTOR
L/G I.R. 2MΩ 2W
L/L I.R. 2MΩ 2W
L/N I.R. 1MΩ 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: 2856VDC
LINE TO LINE FOR 1 MINUTE: 2236VDC
LINE TO NEUTRAL FOR 1 MINUTE: 1290VDC

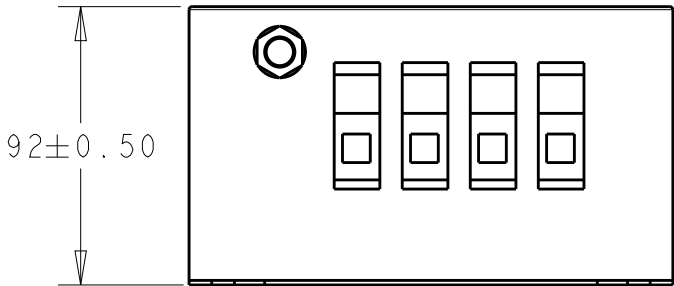
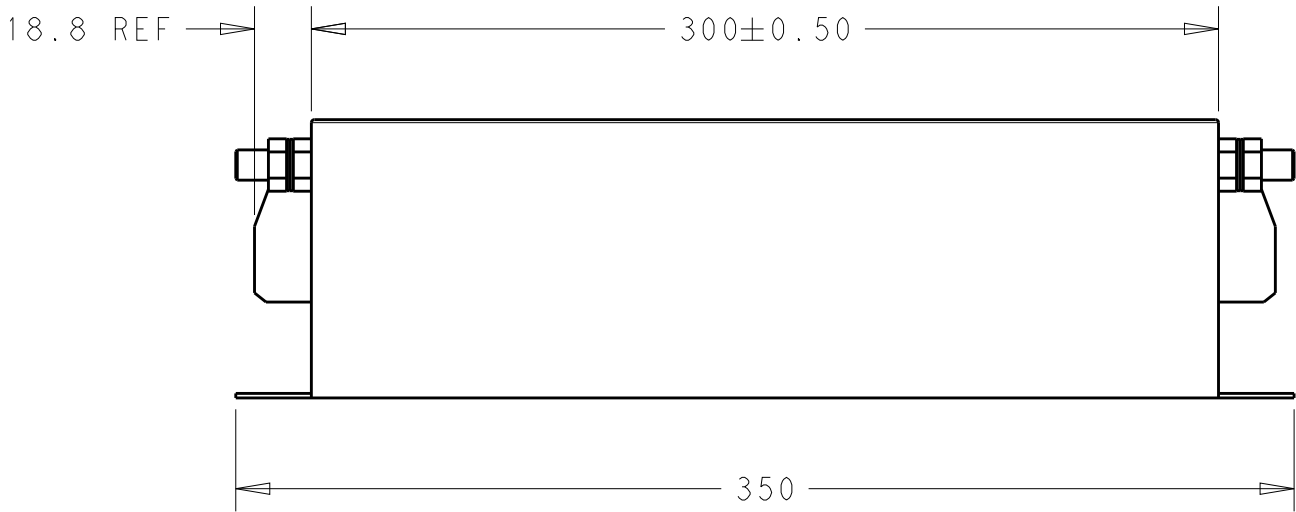
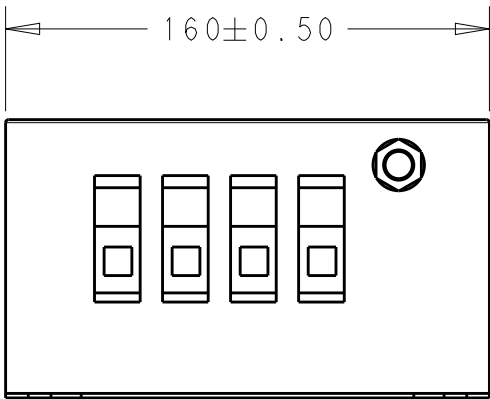
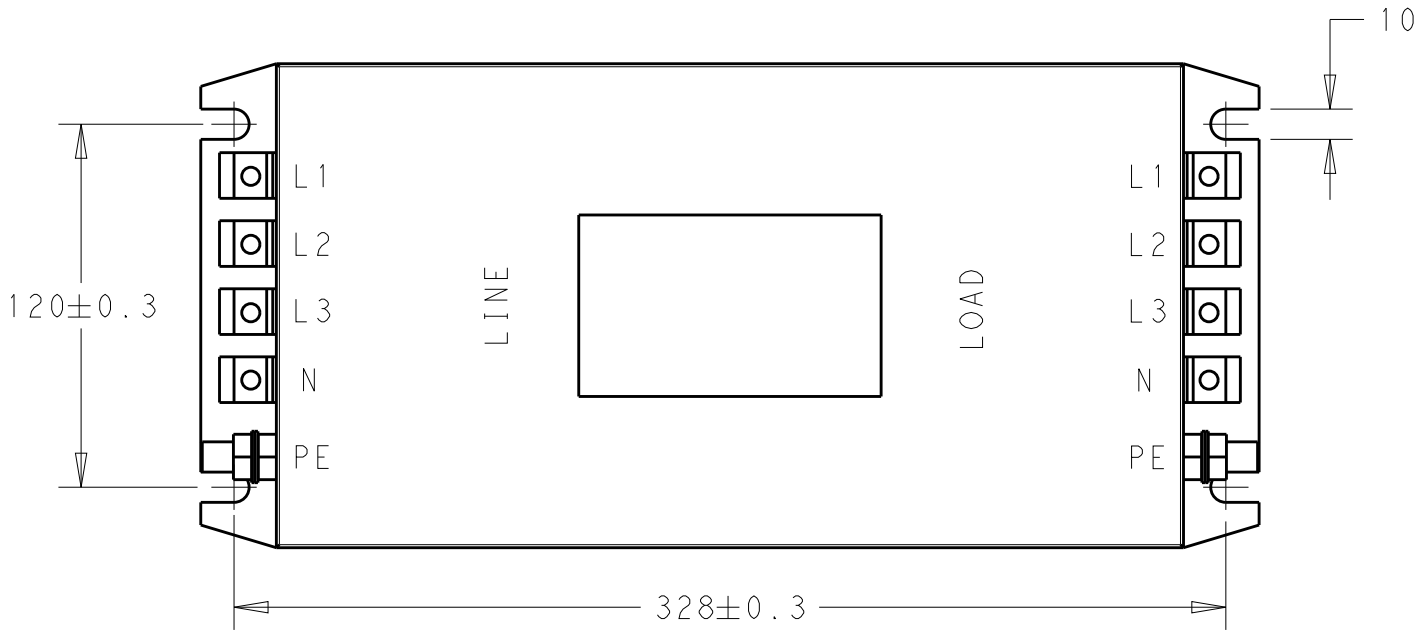
FILTER APPROVAL
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.


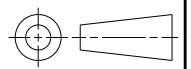
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 20FEB2020 SHRICARANA B	TE Connectivity		
		CHK 20FEB2020 LEO IRUDHAYARAJ			
		APVD 20FEB2020 LEO IRUDHAYARAJ			
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME POWER LINE FILTER 75KESS10BFPW	
		0 PLC ±-	APPLICATION SPEC		SIZE A3
		1 PLC ±0.5			
MATERIAL -		2 PLC ±0.40	WEIGHT -		CAGE CODE 00779
		3 PLC ±0.130			
		4 PLC ±0.0500	CUSTOMER DRAWING		DRAWING NO 5-1609966-6
		ANGLES ±-			
		FINISH -			RESTRICTED TO -
					SCALE 1:4
					SHEET 1 OF 2
					REV B

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL SCREWS: 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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHRICHARANA B 20FEB2020	 TE Connectivity		
DIMENSIONS: mm		CHK LEO IRUDHAYARAJ 20FEB2020			
		APVD LEO IRUDHAYARAJ 20FEB2020	NAME POWER LINE FILTER 75KESS10BFPW		
		PRODUCT SPEC -	SIZE A300779		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±		APPLICATION SPEC -	CAGE CODE C-5-1609966-6		
		WEIGHT -	DRAWING NO C-5-1609966-6		
MATERIAL -		FINISH -	RESTRICTED TO -		
CUSTOMER DRAWING		SCALE 2:5	SHEET 2 OF 2		REV B