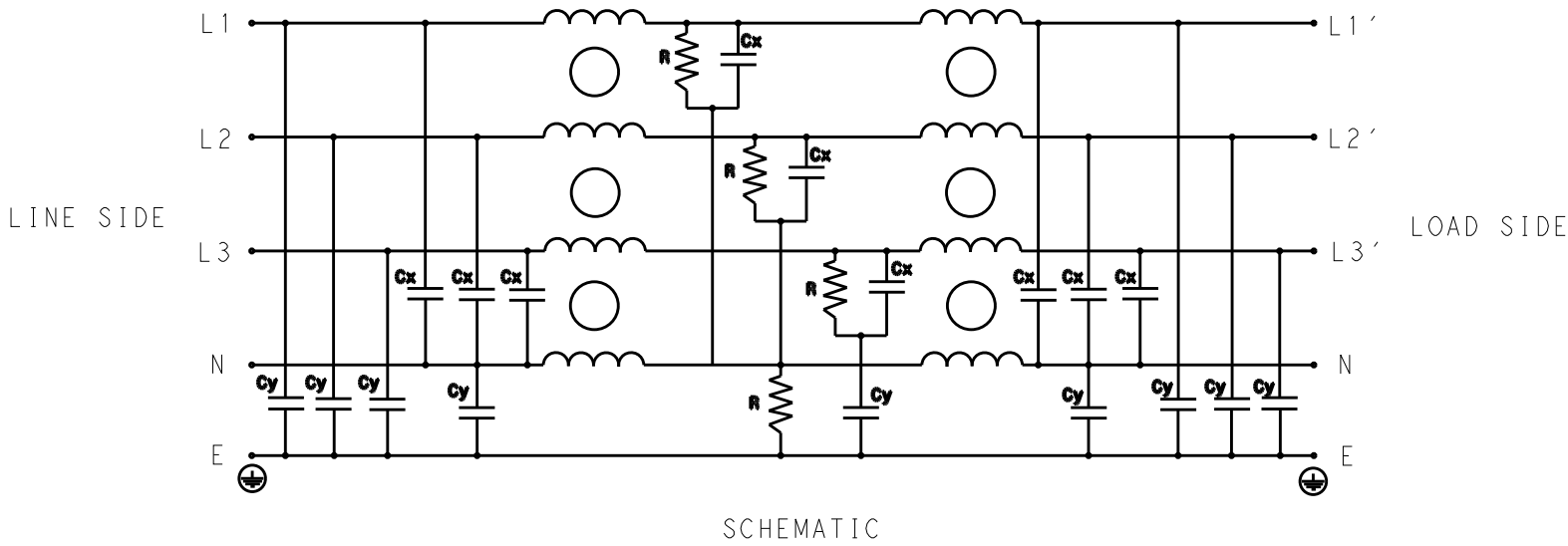
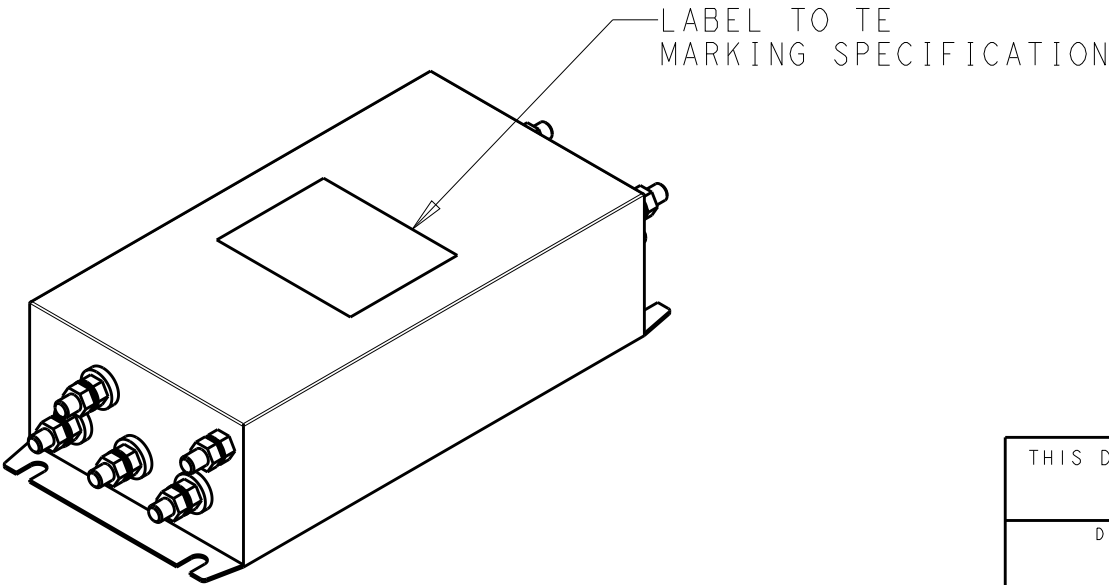


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	INITIAL RELEASE	08JUL2020	SB	LI



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	41	40	44	53	48	68	52	31	19
DM	38	40	46	58	60	48	32	21	18



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* 150A 520V 50Hz/60Hz 50°C
CSA CERTIFIED** 150A 520V 50Hz/60Hz 50°C
*31 JULY 2020 ; **31 AUGUST 2020

OPERATING SPECIFICATION

LINE CURRENT/VOLTAGE: 150A, 520VAC
LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 15mA @ 230VAC, 50Hz

OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -10°C TO +50°C

IN AN AMBIENT, T_a, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{105 - T_a}{55}}$$

RELIABILITY SPECIFICATIONS

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

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 0.2mH

CAPACITANCE @ 1kHz

LINE TO GROUND, NOMINAL: 2.98μF
NEUTRAL TO GROUND, NOMINAL: 3.3μF
LINE TO NEUTRAL, NOMINAL: 20.4μF

DISCHARGE RESISTOR

L/L I.R. 2MΩ 2W
L/N I.R. 1MΩ 2W
L/G I.R. 2MΩ 2W
N/G I.R. 1MΩ 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 24FEB2020 SHRICHARANA B	TE Connectivity		
		CHK 24FEB2020 LEO IRUDHAYARAJ			
		APVD 24FEB2020 LEO IRUDHAYARAJ			
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME POWER LINE FILTER 150KEVD10BFPW		
		0 PLC ±0.5 1 PLC ±0.4 2 PLC ±0.4 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±0.5	APPLICATION SPEC		
MATERIAL		FINISH	RESTRICTED TO		
			SIZE CAGE CODE DRAWING NO		
			A300779C-4-1609998-7		
			WEIGHT		
			CUSTOMER DRAWING		
			SCALE 1:4 SHEET 1 OF 2 REV B		

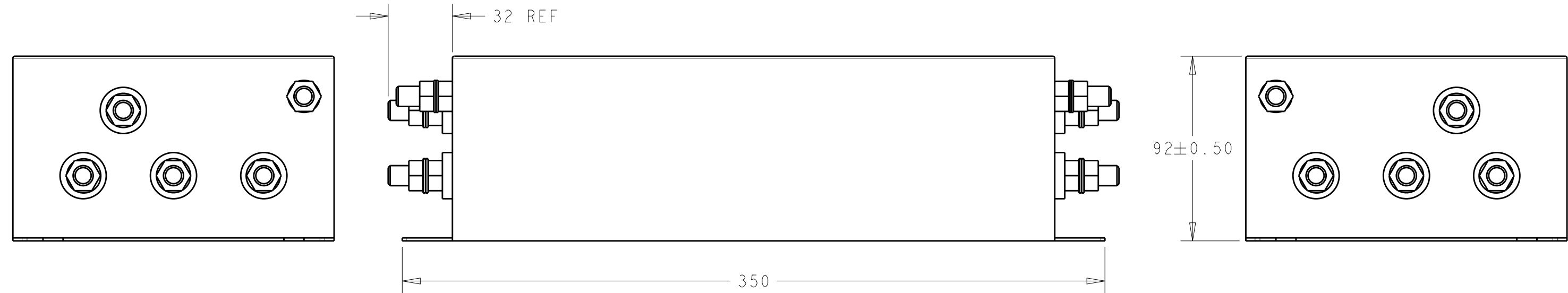
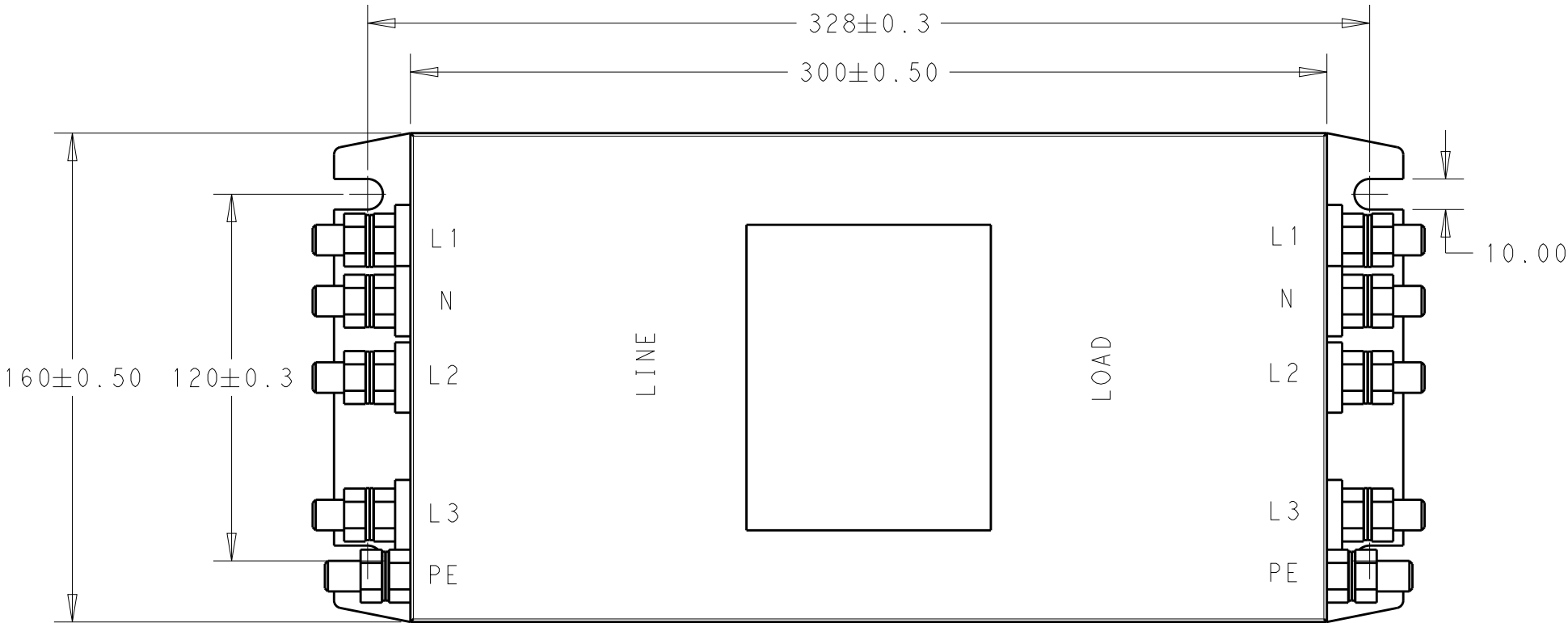
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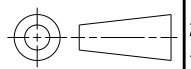
NOTE 1 GROUND CONNECTION:
DO NOT LOOSEN INNER GROUND NUTS.
TORQUE OUTER TERMINAL /GROUND NUTS: 4-10Nm

NOTE 2 INPUT OUTPUT CONNECTION TERMINAL
AWG SIZE: XXX
THREADED BOLT SIZE FOR TERMINAL: M10
THREADED BOLT SIZE FOR GROUND: M10

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 24FEB2020 SHRICHARANA B	 TE Connectivity		
DIMENSIONS: mm		CHK 24FEB2020 LEO IRUDHAYARAJ			
		APVD 24FEB2020 LEO IRUDHAYARAJ	NAME POWER LINE FILTER 150KEVD10BFPW		
		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	A300779C-4-1609998-7		
MATERIAL		WEIGHT	SCALE 1:2 SHEET 2 OF 2 REV B		
FINISH		CUSTOMER DRAWING			