

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		A	REVISED PER ECR-14-007794	29MAY2014	RS	EC
			B	ECO-15-015144: ADD UL.	23NOV2015	EC	EC

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL

RELIABILITY SPECIFICATIONS

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

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 36.8 µH
 CAPACITANCE @ 1 kHz, 0.25 VAC MAX., 25°C ±1°C:
 LINE TO GROUND: 2.62 µF
 LINE TO LINE: 11.9 µF
 DISCHARGE RESISTOR
 L/G AND L/L I.R. : 666kΩ/666kΩ
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MOhm

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1000 A, 690 VAC
 LINE FREQUENCY: 50-60 Hz
 NOMINAL LEAKAGE CURRENT: 10mA
 MAXIMUM LEAKAGE CURRENT: 330mA @ 400V, 50HZ

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

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

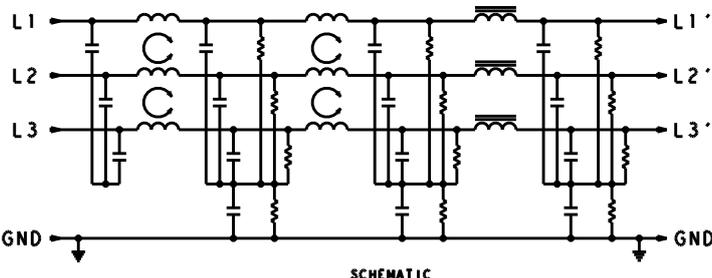
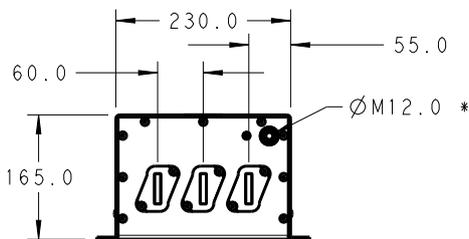
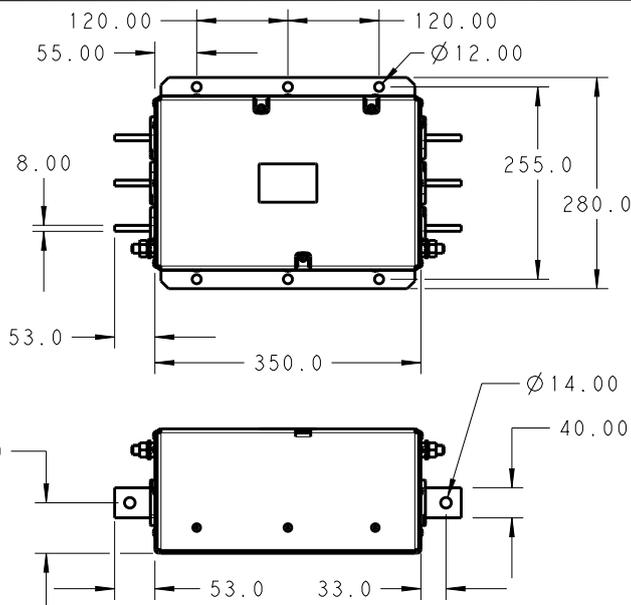
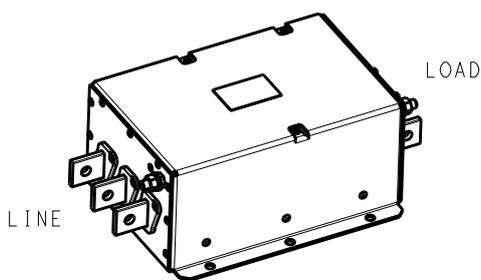
$$I_o = I_R \sqrt{\frac{100 - T_o}{50}}$$

RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND FOR 1 MINUTE: 2640 VDC FOR 1 MINUTE
 LINE TO LINE FOR 1 MINUTE: 2520 VDC FOR 1 MINUTE

FILTER APPROVAL:

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



* DO NOT LOOSEN INNER GROUND NUTS. TORQUE OUTER GROUND NUTS TO: 25-30 NM [220-260 IN-LB]

TYPICAL INSERTION LOSS
 COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω

MHz	0.01	0.05	0.15	0.5	1.0	3.0	5.0	10	30
CM	12	12	57	90	75	64	52	38	19
DM	31	44	70	63	52	41	36	30	21

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DIMENSIONS: mm	DWN RS 16DEC2013	MATERIAL	FINISH
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK EC 16DEC2013	TE Connectivity	
0 PLC ±2.0 1 PLC ±1.0 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.1000 ANGLES ±	APVD EC 16DEC2013		
	PRODUCT SPEC	NAME	
	APPLICATION SPEC	1000APH12P 3-PHASE DELTA FILTER	
	WEIGHT	SIZE	RESTRICTED TO
	Customer Drawing	CAGE CODE A400779	DRAWING NO C-9-1609148-0
		SCALE	SHEET
		1:1	1 OF 1
			REV B