

LOC —	DIST —	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			1	NEW DRAWING	21SEP2013	GK	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:

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 40°C,
 THE MAXIMUM OPERATING
 CURRENT, I, IS AS FOLLOWS:

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

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

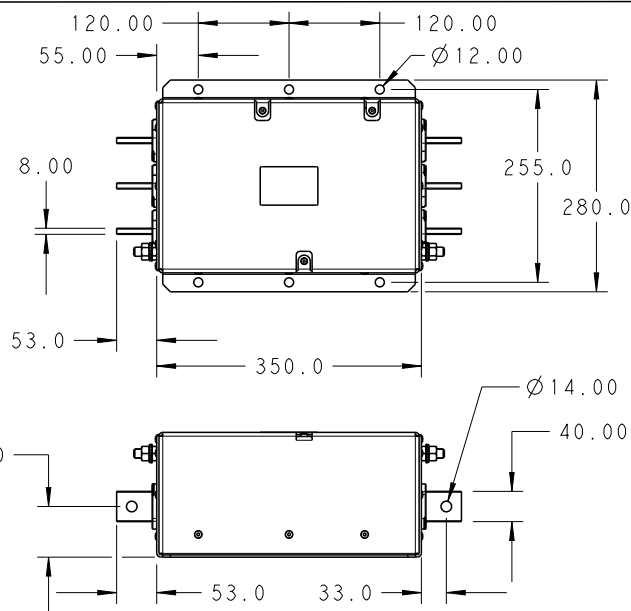
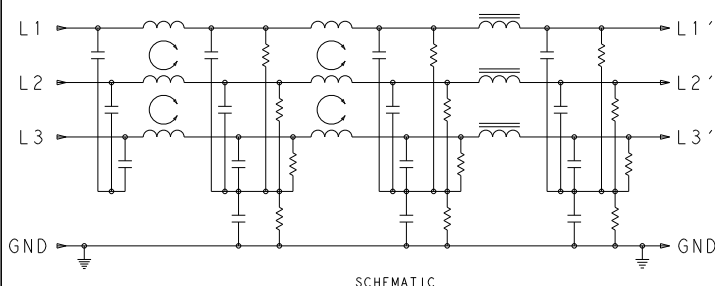
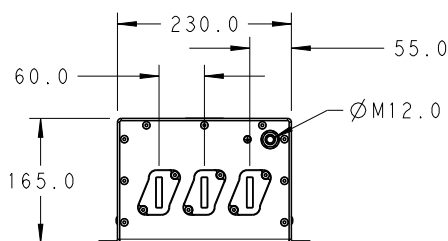
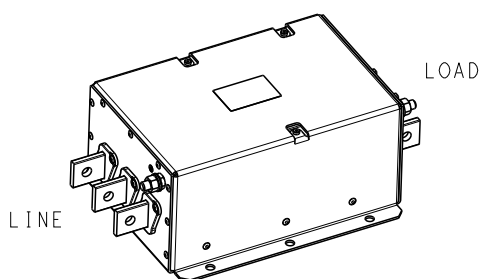
L/G AND L/L I.R. : 666kΩ/666kΩ
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MOhm

RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND FOR 1 MINUTE: 2200 VDC FOR 1 MINUTE
 LINE TO LINE FOR 1 MINUTE: 2160 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	13	56	71	67	49	45	37	18
DM	32	46	60	62	58	46	41	35	27

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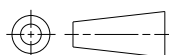
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DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±2.0
 1 PLC ±1.0
 2 PLC ±0.13
 3 PLC ±0.013
 4 PLC ±0.0001
 ANGLES ±



DWN

GK

21SEP2013

CHK

EC

21SEP2013

APVD

EC

21SEP2013

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

Customer Drawing

MATERIAL

-

FINISH

-



TE Connectivity

NAME

1000ACPD12
 3-PHASE DELTA FILTER

SIZE

A4

CAGE CODE

00779

DRAWING NO

C-9-1609148-0-1

RESTRICTED TO

-

SCALE 1:1

SHEET 1 OF 1

REV 1

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