

LOC	DIST	REVISIONS					
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REVISED PER ECR-14-007794	29MAY2014	RS	EC
			B	ECO-15-015144: ADD UL.	01DEC2015	EC	EC

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN DESIGNED TO THE FOLLOWING STANDARDS, BUT HAS NOT YET BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCIES. ALL TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET:

UL

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1000 A, 520VAC
LINE FREQUENCY: 50-60 Hz
NOMINAL LEAKAGE CURRENT: 6 mA
MAXIMUM LEAKAGE CURRENT: 222mA @ 277V, 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:

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

RELIABILITY SPECIFICATIONS

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

TEST SPECIFICATIONS

INDUCTANCE: 28.7 µH NOMINAL
CAPACITANCE @ 1 kHz, 0.25 VAC MAX., 25°C ±1°C:
LINE TO GROUND: 2.62 µF
LINE TO LINE: 12.3 µF

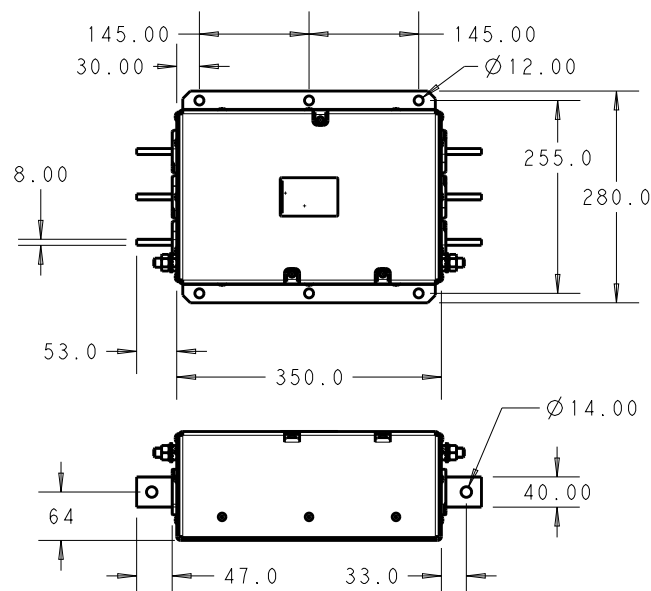
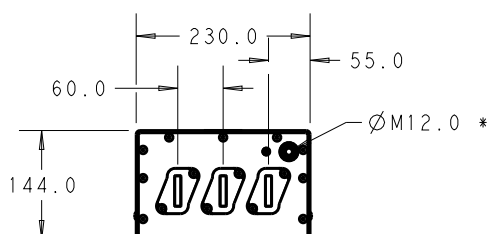
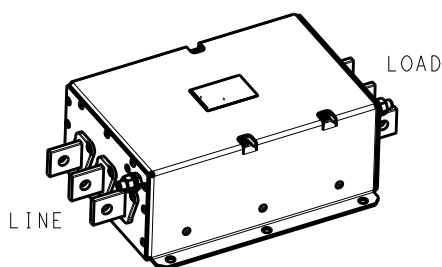
DISCHARGE RESISTOR
L-G AND L-L: 666kΩ / 666kΩ
IR, L/L @ 20°C, 50% RH: 6000MΩ (MIN.) @100VDC

RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND: 2200 VDC FOR 1 MINUTE
LINE TO LINE: 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

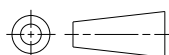
MHz	0.01	0.05	0.15	0.5	1.0	3.0	5.0	10	30
CM	12	8	54	90	78	65	52	38	20
DM	32	46	66	72	60	47	43	36	28

DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±2.0
1 PLC ±0.1
2 PLC ±0.01
3 PLC ±0.005
4 PLC ±0.0001
ANGLES ±-



DWN

RS

17DEC2013

CHK

EC

17DEC2013

APVD

EC

17DEC2013

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

MATERIAL

-

FINISH

-



TE Connectivity

NAME

1000APH12L
3-PHASE DELTA FILTER

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A4

00779

C-8-1609148-5

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CUSTOMER DRAWING

SCALE 1:1

SHEET 1 OF 1

REV B

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