

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

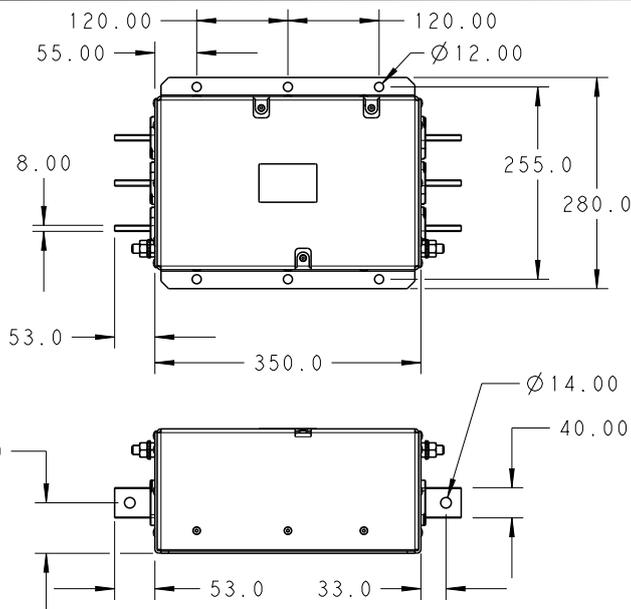
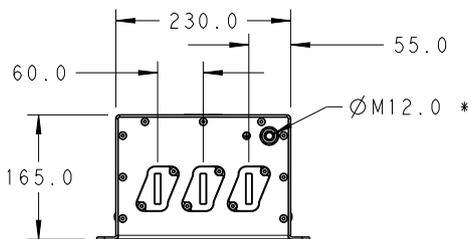
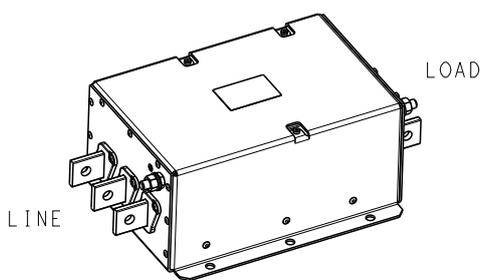
L/G AND L/L I.R. : 666kΩ/666kΩ
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MOhm

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.

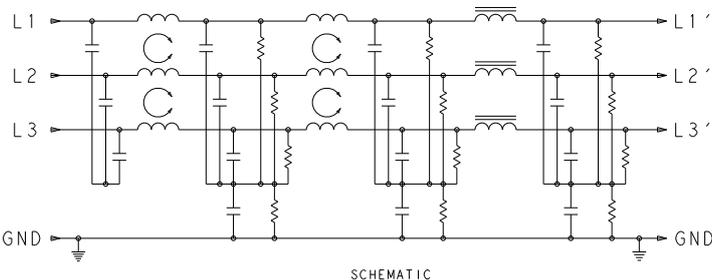


* DO NOT LOOSEN INNER GROUND NUTS. TORQUE OUTER GROUND NUTS TO: 25-30 NM [220-260 IN-LB]

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



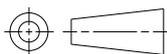
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DIMENSIONS:

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	-	

MATERIAL: - FINISH: -

TE TE Connectivity

NAME: 1000ACPD12
3-PHASE DELTA FILTER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A4	00779	C-9-1609148-0-1	-

Customer Drawing

SCALE 1:1 SHEET 1 OF 1 REV 1