

LOC	DIST	REVISIONS					
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REVISED PER ECR-14-007825	30MAY2014	RS	EC
			B	ECO-15-015144: ADD UL.	26OCT2015	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 95% RH.

## TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 42.7 µH

CAPACITANCE AT 1KHz, 0.25 VAC MAX., 25°C±1°C  
LINE TO GROUND, NOMINAL: 3.1 µF  
LINE TO LINE, NOMINAL: 7.0 µF

DISCHARGE RESISTOR  
L/G AND L/L I.R. 1000 kOhm / 1000 kOhm  
IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MΩ

## RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND FOR 1 MINUTE: 2200 VDC  
LINE TO LINE FOR 1 MINUTE: 2160 VDC

## FILTER APPROVAL:

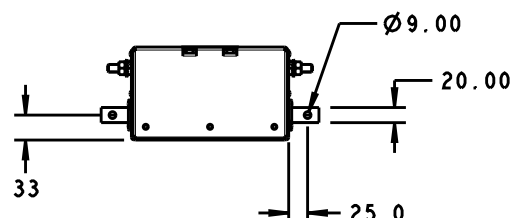
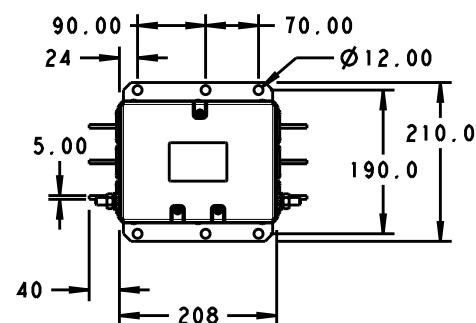
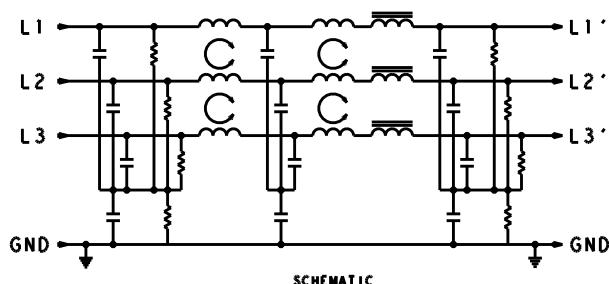
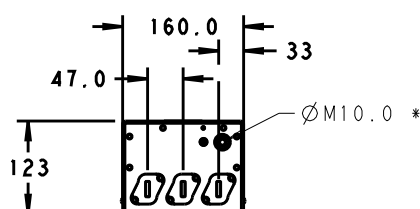
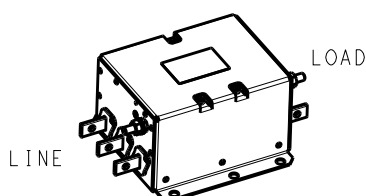
THE BEST WAY TO SELECT AND QUALIFY  
A FILTER IS FOR YOUR ENGINEERING TO  
TEST THE UNIT IN YOUR EQUIPMENT.

## OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 250 A, 520VAC  
LINE FREQUENCY: 50-60 Hz  
NOMINAL LEAKAGE CURRENT: 15 mA  
MAXIMUM LEAKAGE CURRENT: 270mA @ 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:

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



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

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

MHz	0.01	0.05	0.15	0.5	1.0	3.0	5.0	10	30
CM	13	37	65	71	66	57	53	51	27
DM	27	41	45	70	59	46	41	34	23

DIMENSIONS:

mm

DWN RS 19DEC2013

MATERIAL

FINISH

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

CHK EC 19DEC2013

APVD EC 19DEC2013

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Drawing

SCALE 1:1

SHEET 1 OF 1

REV B



TE Connectivity

250APS12L  
3-PHASE DELTA FILTER

A400779C-4-1609114-4

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RELEASED FOR PUBLICATION

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THIS DRAWING IS UNPUBLISHED.

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

