

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	A		REVISED PER ECR-14-007795	29MAY2014	RS	EC
		B		ECO-15-015144: ADD UL.	30NOV2015	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: 28.2 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

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1600 A, 690VAC
 LINE FREQUENCY: 50-60 Hz
 NOMINAL LEAKAGE CURRENT: 20 mA
 MAXIMUM LEAKAGE CURRENT: 390mA @ 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
 LINE TO LINE FOR 1 MINUTE: 2520 VDC

FILTER APPROVAL:

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

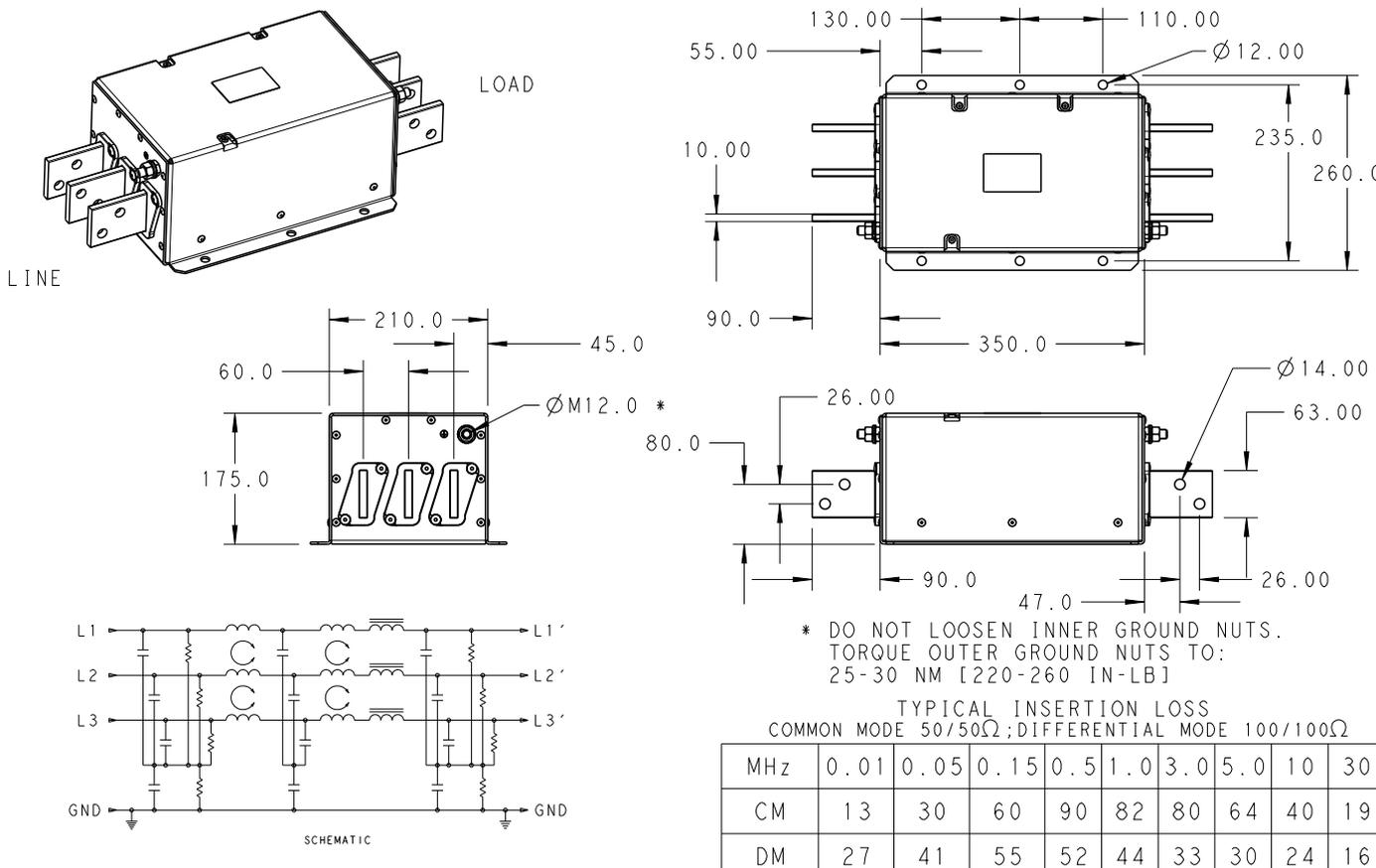
20

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DIMENSIONS: mm	DWN RS	18DEC2013	MATERIAL	FINISH
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK EC	18DEC2013	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	18DEC2013		
	PRODUCT SPEC	-	NAME 1600APS12P 3-PHASE DELTA FILTER	
	APPLICATION SPEC	-	SIZE	CAGE CODE
	WEIGHT	-	A4	00779
	Customer Drawing		DRAWING NO	RESTRICTED TO
			C-5-1609114-3	-
			SCALE 1:1	SHEET 1 OF 1
				REV B