

SAFETY ORGANIZATION(S) :

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 RECOGNIZED	UL 1283
CSA CERTIFIED	CSA 22.2, NO.0,0.4,8
VDE APPROVED	VDE 565-3
SEV APPROVED	SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 6 AMP, 120/250 VAC
 5 AMP./40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAX. LEAKAGE CURRENT, EACH:
 LINE TO GROUND: .30 mA AT 120V 60Hz
 .50 mA at 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

REV	DESCRIPTION	DATE	DR	APD
E1	ECO-09-026495	10DEC09	KK	AEQ

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH
 CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 48.8 mH NOMINAL
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
 LINE TO GROUND: .008 μF ±20%
 LINE TO LINE: 1.97 μF ±20%
 DISCHARGE RESISTOR: 165K±

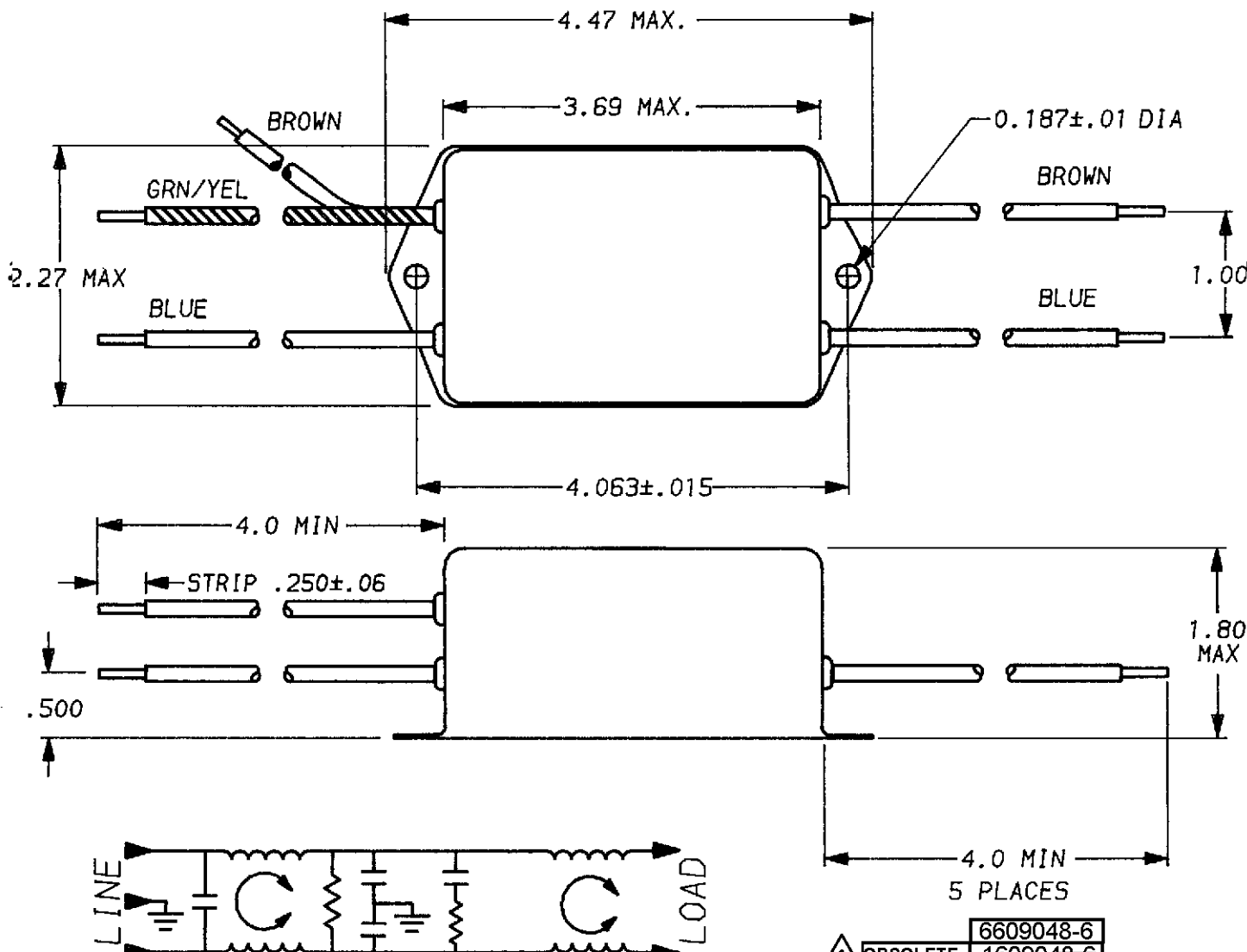
LINE/GROUND AND LINE/LINE, 5000MΩ (MIN) AT 100VDC
 INSULATION RESISTANCE, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:
 LINES TO GROUND: 2250 VDC FOR 1 MINUTE
 LINE TO LINE: 1450 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.

1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



6609048-6
 1 OBSOLETE 4609048-6

50n - 50n (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.015	.02	.05	.15	.5	2	5	7	10	20	30
COMMON dB	26	28	31	20	68	72	72	68	55	55	50	45
DIFF. dB	6	4	10	43	70	75	75	65	52	55	55	55

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025

MATERIAL & FINISH: AS SUPPLIED

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 LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 9-29-93 CATALOG NO. 6EQ3
 APPROVED: [Signature] CAD NO. 6EQ3.04