

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
- OPERATING SPECIFICATIONS:
 LINE VOLTAGE/CURRENT: 20 OR 30 AMP, 250VAC PHASE TO NEUTRAL/GND
 20 OR 30 AMP, 440VAC PHASE TO PHASE
- LINE FREQUENCY: 50-60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: 1.4 ma @ 120 V 60 Hz
 3.4 ma @ 250 V 50 Hz
- OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r
- IN AN AMBIENT, I_o, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:
 $I_o = I_r \sqrt{\frac{85-I_a}{45}}$

RELIABILITY SPECIFICATIONS:
 STORAGE TEMPERATURE: -25°C to +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH

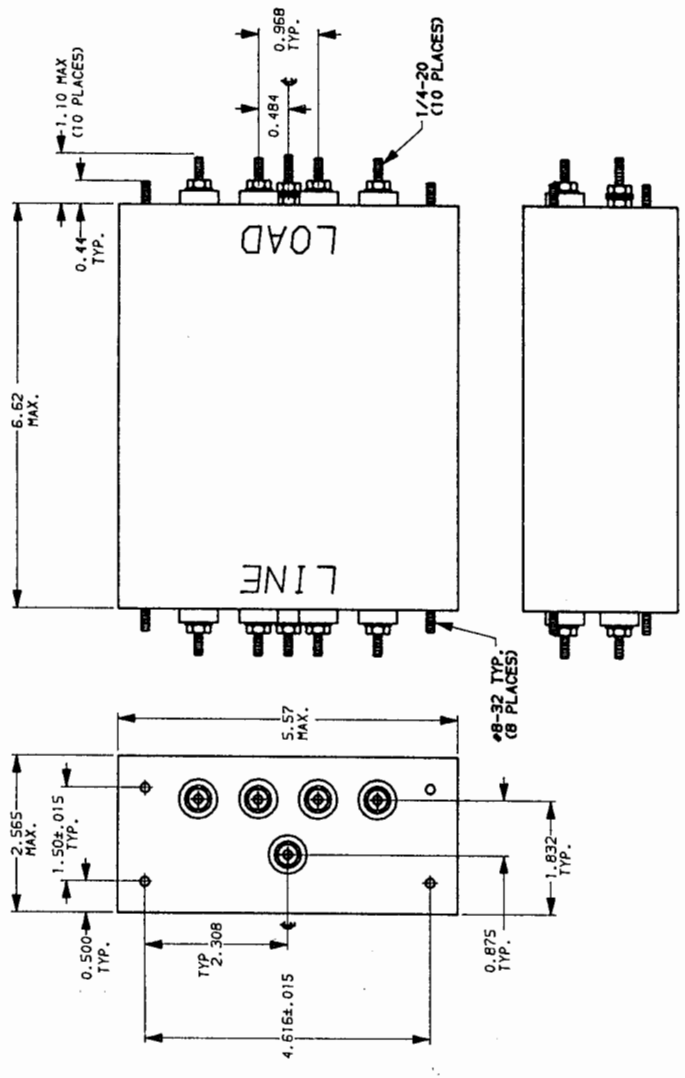
TEST SPECIFICATIONS:

- INDUCTANCE: 20A = 4.44mH NOMINAL 30A = 1.97 mH NOMINAL
 .261mH NOMINAL (GND CHOKE)
- CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C ±1°C)
 PHASE/NEUTRAL TO GROUND: .018uF ±20%
 PHASE TO NEUTRAL: 3.29uF ±20%
 DISCHARGE RESISTOR: 110 KΩ
- RESISTANCE: 5000 MΩ (MIN) AT 100 VDC
 (W/O DISCHARGE RESISTOR) 20°C AND 50% RH

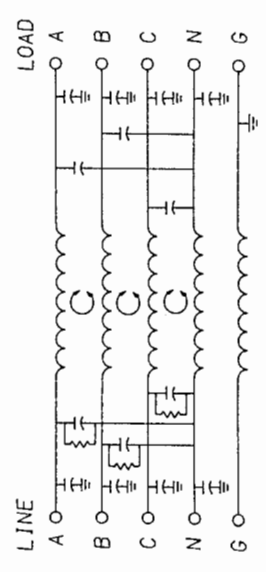
RECOMMENDED RECEIVING INSPECTION HIPOUT:

- PHASE TO GROUND: 1500 VAC FOR 1 MINUTE
- NEUTRAL TO GROUND: 1500 VAC FOR 1 MINUTE
- PHASE TO NEUTRAL: 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.



NOTE: UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.045



50Ω - 50Ω (MINIMUM) INSERTION LOSS	
FREQUENCY	.05, .15, .50, 1.0, 5.0, 10, 30
COMMON	20A 22 39 55 56 65 65 54
30A	15 20 30 55 55 61 63 50
DIFF.	20A 20 50 65 65 65 60 52
30A	5 43 65 65 65 59 48

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 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	1:2	DRG. NO.	20AYPEC.01
DATE	5-9-88	REV.	01
BY	TDL	ORIGINATOR	20AYPEC & 30AYPEC
CHK	CW		

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