

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 1283
 CSA 22.2 NO. 0, 0.4, 8
 VDE 0565-3 (20AYT6C ONLY)

OPERATING SPECIFICATIONS.

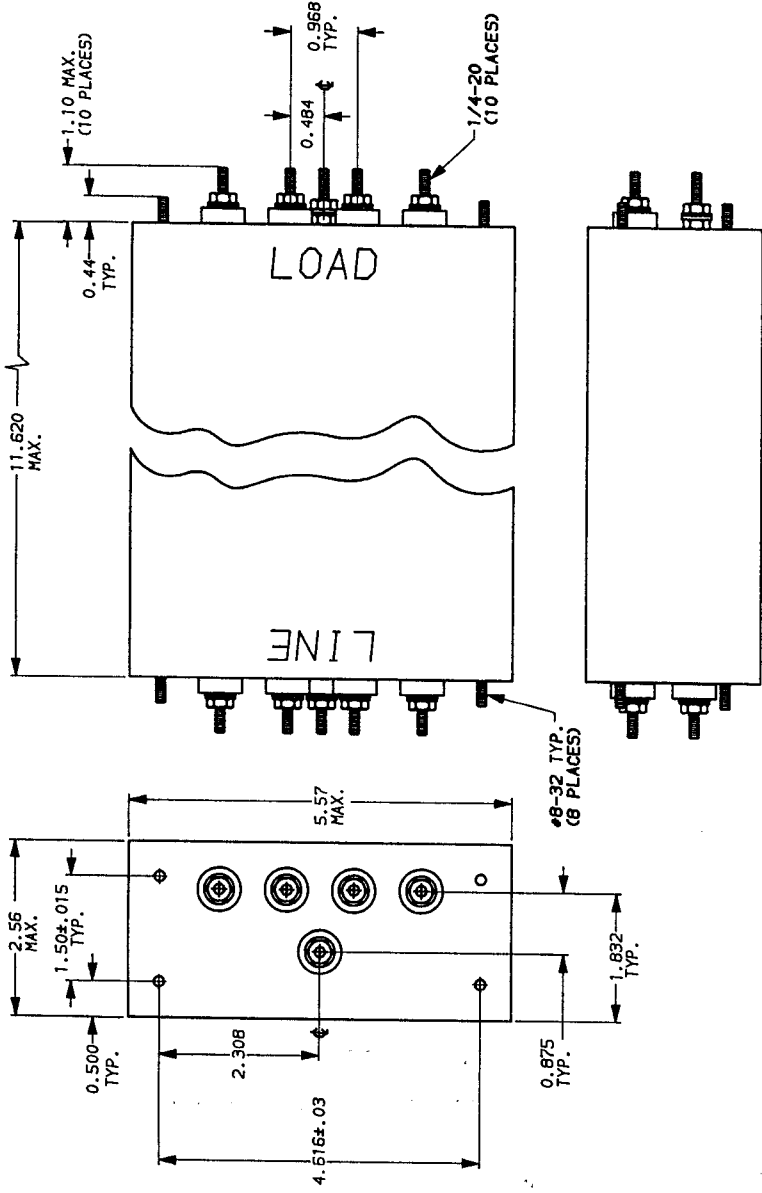
LINE VOLTAGE/CURRENT,
 20 OR 30 AMP., 250VAC PHASE/NEUTRAL-GND
 20 OR 30 AMP., 440VAC PHASE/PHASE
 50-60HZ
 LINE FREQUENCY,
 40°C
 MAX. CASE RISE θ RATED CURRENT,
 1.4mA @ 120V 60HZ
 MAX. LEAKAGE CURRENT, EACH
 3.4mA @ 250V 50HZ
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE,
 -10°C TO +40°C θ RATED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

RELIABILITY SPECIFICATIONS.

STORAGE TEMPERATURE,
 -25°C TO +85°C
 HUMIDITY,
 21 DAYS @ 40°C 95% RH

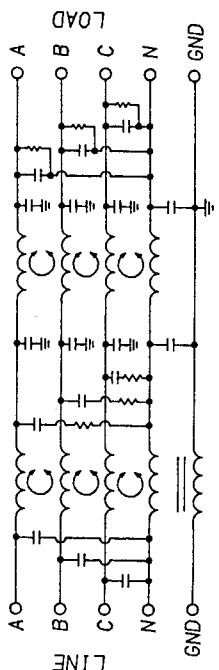
TEST SPECIFICATIONS.

INDUCTANCE,
 20A = 7.0mH NOMINAL
 30A = 3.32mH NOMINAL
 GROUND CHOKE, .261mH NOMINAL
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 PHASE/NEUTRAL TO GROUND,
 .025uF ±20%
 PHASE TO NEUTRAL,
 4.47uF ±20%
 DISCHARGE RESISTOR,
 73.3K OHMS
 LINE/GROUND AND LINE/LINE
 INSULATION RESISTANCE
 6000 MΩ (MIN) AT 100 VDC
 (W/O DISCHARGE RESISTOR)
 RECOMMENDED RECEIVING INSPECTION HIPOT,
 PHASE/NEUTRAL TO GROUND,
 1500 VAC FOR 1 MINUTE
 PHASE TO NEUTRAL,
 1450 VDC FOR 1 MINUTE



NOTES:
 1.) UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.030
 2.) LINE SIDE HAS INSULATED GROUND TERMINAL.

NOTE: COMMON MODE A-B-C & N SHORTED TOGETHER.
 DIFF. MODE MEASURED N TO A-B-C SHORTED TOGETHER.



50Ω - 50Ω (MINIMUM) INSERTION LOSS		TOLERANCE EXCEPT AS NOTED	
FREQUENCY MHZ	DECIMAL	.XXX ENGLISH; ±.025 METRIC; ±	.XX ANGLES ±1°
20A	.05	.15	.5
30A	.05	.15	.5
COMMON	.05	.15	.5
20A	45	70	75
30A	45	70	75
COMMON	45	70	75
DIFF.	20A	27	65
DIFF.	30A	17	55
DIFF.	COMMON	17	55

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 LIBERTYVILLE, IL 60048

AS SUPPLIED

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	4-25-88	20AYT6C & 30AYT6C	4
DESIGNED BY	ORIGINATOR		
LJD	CFW		

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