

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
CSA CERTIFIED

UL 1283
CSA 22.2 NO. 0, 0.4, 8

OPERATING SPECIFICATIONS.

LINE VOLTAGE/CURRENT, 45 OR 60 AMP., 250VAC PHASE/NEUTRAL-GND
45 OR 60 AMP., 440VAC PHASE/PHASE
50-60HZ
LINE FREQUENCY, 40°C
MAX. CASE RISE & 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 @ RATED CURRENT, I_r
IN AN AMBIENT, I_o , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS,
 $I_o = I_r \sqrt{\frac{95-I_a}{45}}$

RELIABILITY SPECIFICATIONS.

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

TEST SPECIFICATIONS.

INDUCTANCE, 45A = 1.1mH NOMINAL
GROUND CHOKES, 45A = .267mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
PHASE/NEUTRAL TO GROUND, .026µF ±20%
PHASE TO NEUTRAL, 2.0µF ±20%
DISCHARGE RESISTOR, 165K OHMS
LINE/GROUND AND LINE/LINE, 6000 Ohm (MIN) AT 100 VDC
INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% RH
RECOMMENDED RECEIVING INSPECTION HIPOT., 1500 VAC FOR 1 MINUTE
PHASE/NEUTRAL TO GROUND, 1450 VDC FOR 1 MINUTE
PHASE TO NEUTRAL,

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

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES
ENGLISH, ±.030 ±1°
METRIC, ±

MATERIAL:

AS SUPPLIED

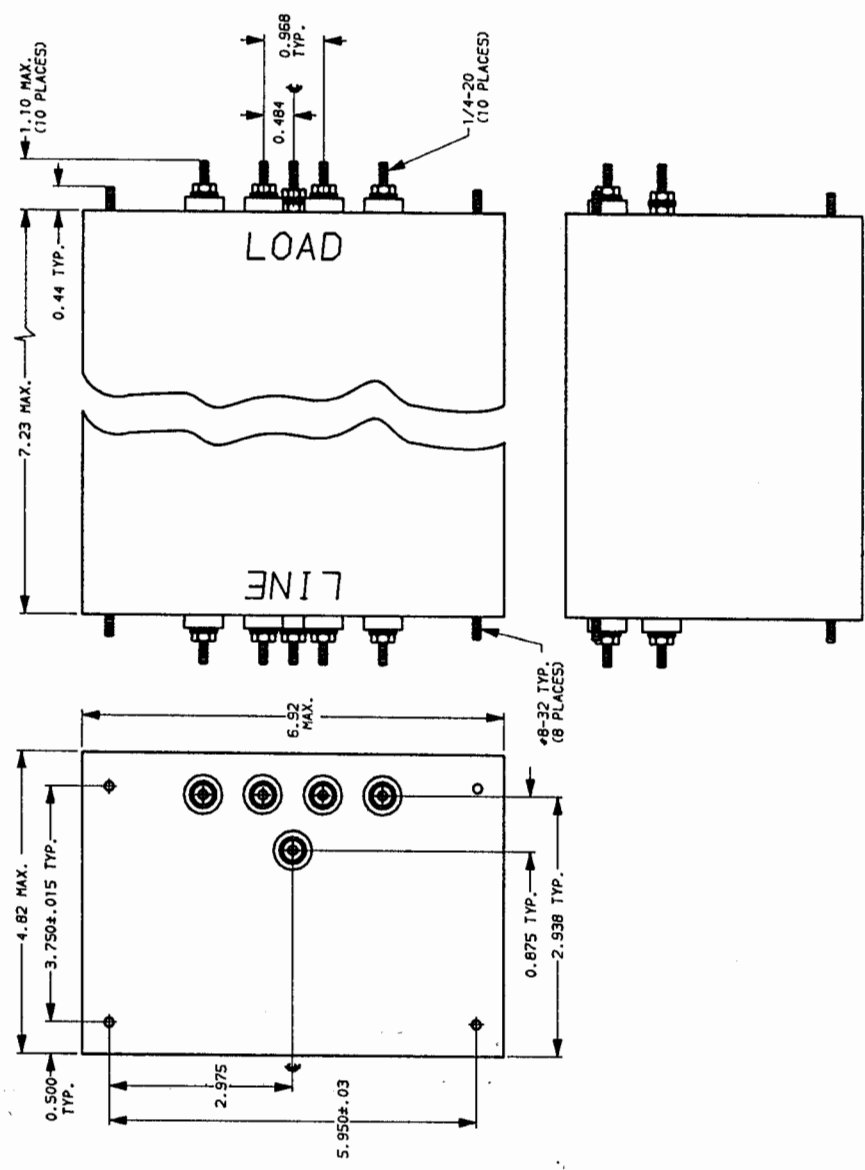
FINISH:

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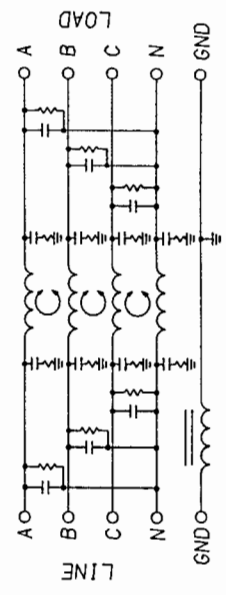
POWER LINE FILTER

DATE	DRG. NO.	REV.
NTS 4-25-89	45AYP6C & 50AYP6C	2
BY LJD	CFW	



NOTES:

1.) 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.

50n - 50n (MINIMUM) INSERTION LOSS								
FREQUENCY MHz	.05	.15	.5	1.0	5.0	10.0	30.0	
COMMON	45A	8	25	49	49	56	58	45
	60A	5	22	50	50	54	54	47
DIFF.	45A	8	27	60	65	65	56	43
	60A	20	27	60	65	65	56	50