

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  
 VDE APPROVED  
 SEV PENDING

UL 544  
 CSA 22.2, NO. 0, 0.4, B  
 VDE 0565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:  
 15 AMP., 120/250 VAC  
 12 AMP./40°C, 250 VAC  
 50-60Hz  
 50°C  
 2HA @ 120V 60 Hz  
 5IA @ 250V 50 Hz  
 -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

MAX. CASE RISE @ RATED CURRENT;  
 MAX. LEAKAGE CURRENT, EACH  
 LINE TO GROUND  
 OPERATING AMBIENT TEMP. RANGE;

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:  

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:  
 HUMIDITY,  
 CURRENT OVERLOAD TEST;

TEST SPECIFICATIONS:

INDUCTANCE:  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
 LINE TO LINE:  
 5.07 mH NOMINAL  
 2.07µF ±20%

DISCHARGE RESISTOR  
 LINE/GROUND AND LINE/LINE  
 INSULATION RESISTANCE  
 (W/O DISCHARGE RESISTOR)  
 165 KΩ  
 6000 MΩ (MIN) AT 100 VDC  
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

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.

TOLERANCE EXCEPT AS NOTED

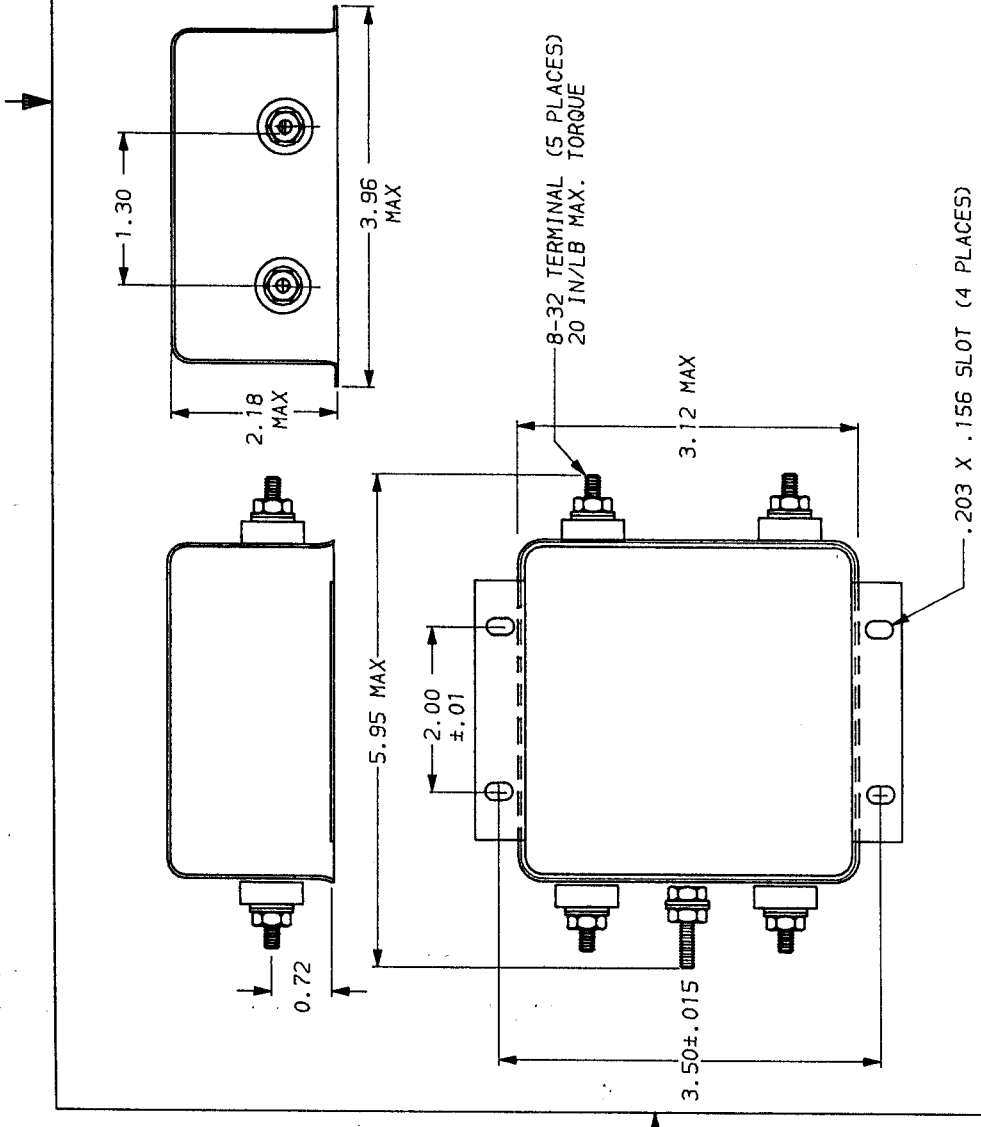
DECIMAL: .XXX .XX .X ANGLES ±1°  
 ENGLISH: ±.025  
 METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.03	.05	.07	.1	.15	.3	.5	1	2	5	10	20	30
COMMON dB	4	13	18	21	24	27	35	41	34	22	12	5	2	2
DIFF. dB	12	19	15	13	24	51	70	70	70	70	70	65	55	55

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	ORIG. NO.	REV.
NTS	7-21-92		1
DRW. BY	CFW	CFW	

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