

C. Westerbe 12-2-92
APPROVED/DATE

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 544
- CSA 22.2, NO. 0, 0.4, 8
- VDE 0565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT, 15 AMP., 120/250 VAC
- 50-60Hz
- LINE FREQUENCY, 50°C
- MAX. CASE RISE & RATED CURRENT, 2mA @ 120V 60 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND, 5µA @ 250V 50 Hz
- 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:

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

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, 5.07 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO LINE, 2.07µF ±20%
- DISCHARGE RESISTOR 165 KΩ
- LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

- LINE 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

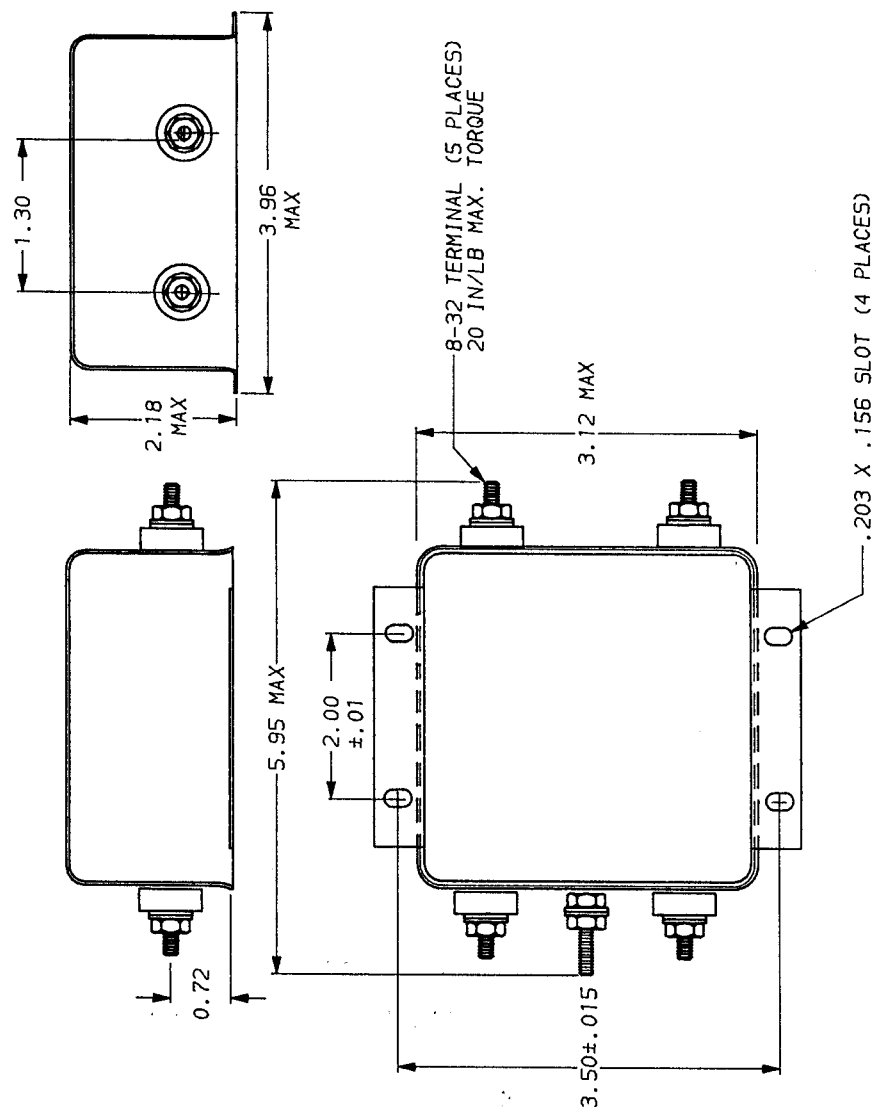
DECIMAL, .XXX	.XX	.X	ANGLES ± 1°
ENGLISH, ± .025			
METRIC, ±			

MATERIAL:

AS SUPPLIED

FINISH:

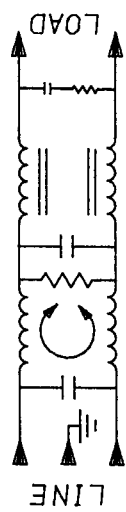
AS SUPPLIED



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	
DIFF. dB	12	19	15	13	24	51	70	70	70	70	70	70	65	55

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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 7-21-92
SCALE: NTS
REV. NO. 15EHT6.01
BY: CFW
CFW

Mouser Electronics

Authorized Distributor

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[15EHT6](#)