

C. Westcott 12-2-92
 APPROVED/DATE
 1
 REV

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
- 50-60Hz
- LINE FREQUENCY, 12 AMP. @ 120V 60 Hz
- MAX. CASE RISE @ RATED CURRENT, 50°C
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND, 2mA @ 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) 2.07µF ±20%
- LINE TO LINE, 165 KΩ
- DISCHARGE RESISTOR 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE 20°C AND 50% RH
- INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOIT:

- 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

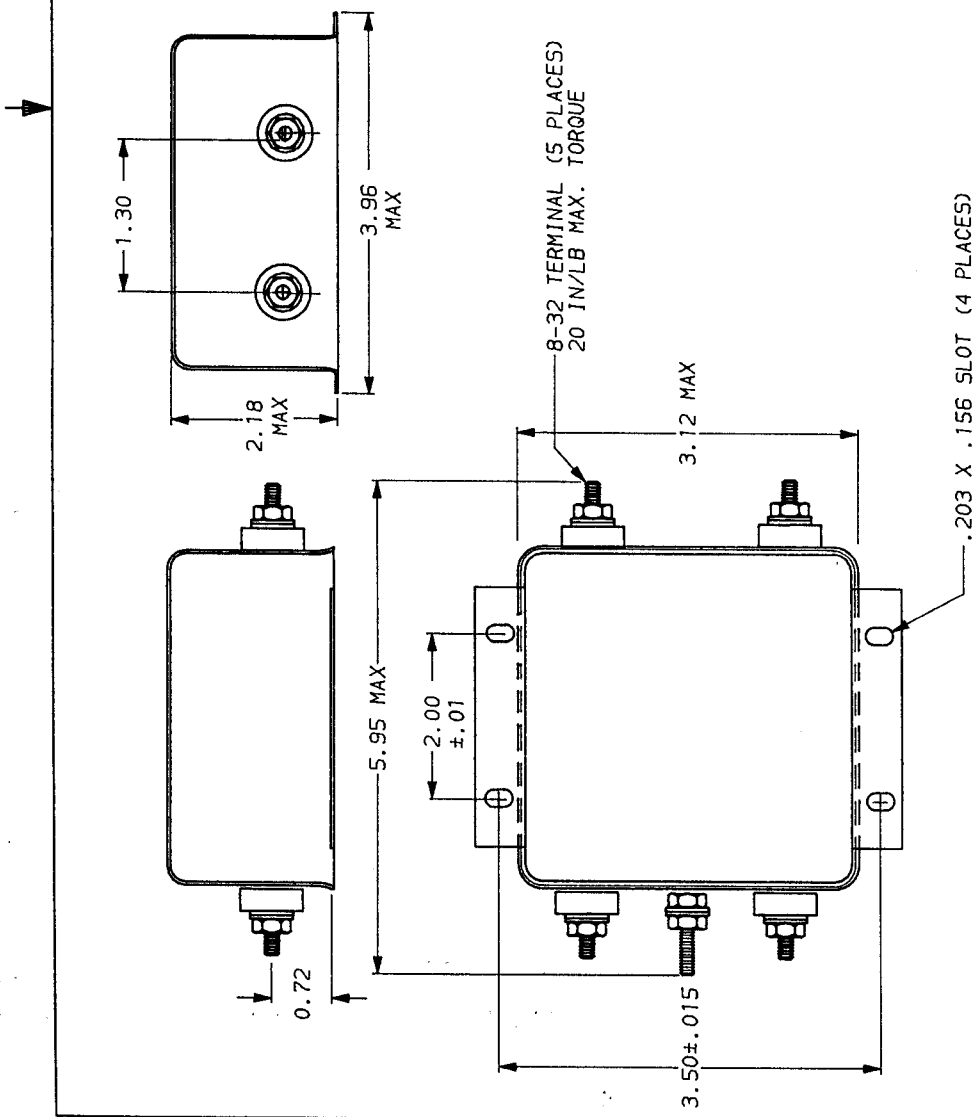
DECIMAL, .XXX .XX .X ANGLES ± 1°
 ENGLISH, ±.025
 METRIC, ±

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	4	13	18	21	24	27	35	41	34	22	12	5	2	
DIFF.	12	19	15	13	24	51	70	70	70	70	70	65	55	

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POWER LINE FILTER

SCALE DATE 17-21-92
 NTS
 DRG. NO. 15EHT6.01
 DRG. BY CFW
 CFW

