

15EHT1

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.0,0.4,8
VDE 0565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT, 15 AMP, 120/250 VAC
12 AMP./40°C, 250 VAC
LINE FREQUENCY, 50-60Hz

MAX. LEAKAGE CURRENT, EACH, 2 μ A at 120V 60Hz
LINE TO GROUND, 5 μ A at 250V 50Hz

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, 0.25VAC MAX., 25°C±1°C)

LINE TO LINE, 2.07 μ F ±20%
DISCHARGE RESISTOR, 165k Ω

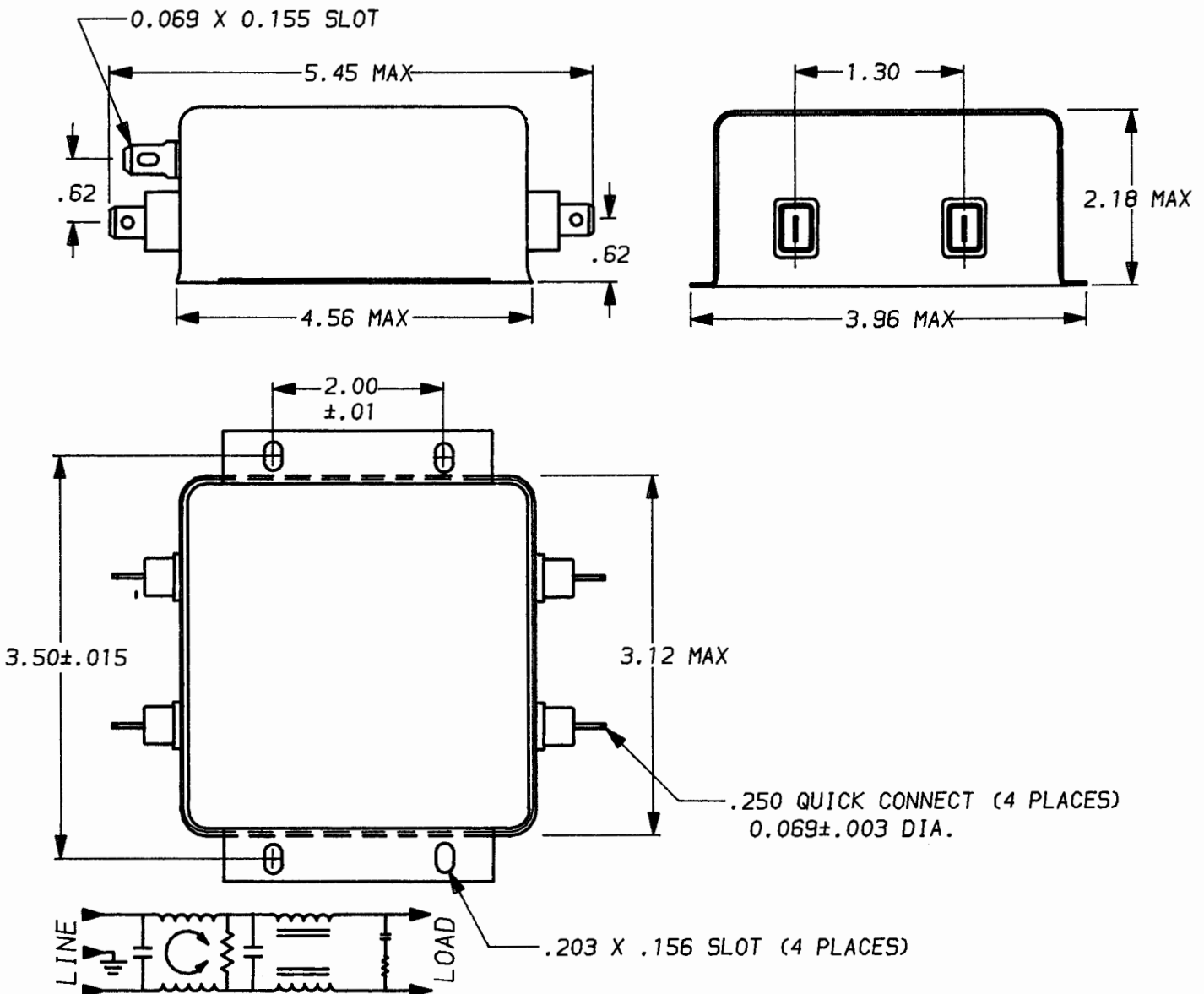
LINE/GROUND AND LINE/LINE, 6000M Ω (MIN) AT 100VDC
INSULATION RESISTANCE, 20°C AND 50% RH


RECOMMENDED RECEIVING INSPECTION HIPOT:

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.



50n - 50n (MINIMUM) INSERTION LOSS														UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH, AS SUPPLIED		 LIBERTYVILLE, IL 60048 POWER LINE FILTER	
FREQUENCY MHz	.01	.03	.05	.07	.1	.15	.3	.5	1	2	5	10	20				
COMMON dB	4	13	18	21	24	27	35	41	34	22	12	12	5	2	/		
DIFF. dB	12	19	15	13	24	51	70	70	70	70	70	70	65	55	/		

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DATE: 10-4-93
APPRVD: TAM

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CAD NO. 15EHT1.02