

**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 µA at 120V 60Hz  
LINE TO GROUND, 5 µA at 250V 50Hz  
OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>  
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, -40°C TO +85°C  
HUMIDITY, 21 DAYS @ 40°C 95% RH  
CURRENT OVERLOAD TEST, 6 TIMES RATED CURRENT FOR 8 SECONDS

**TEST SPECIFICATIONS:**

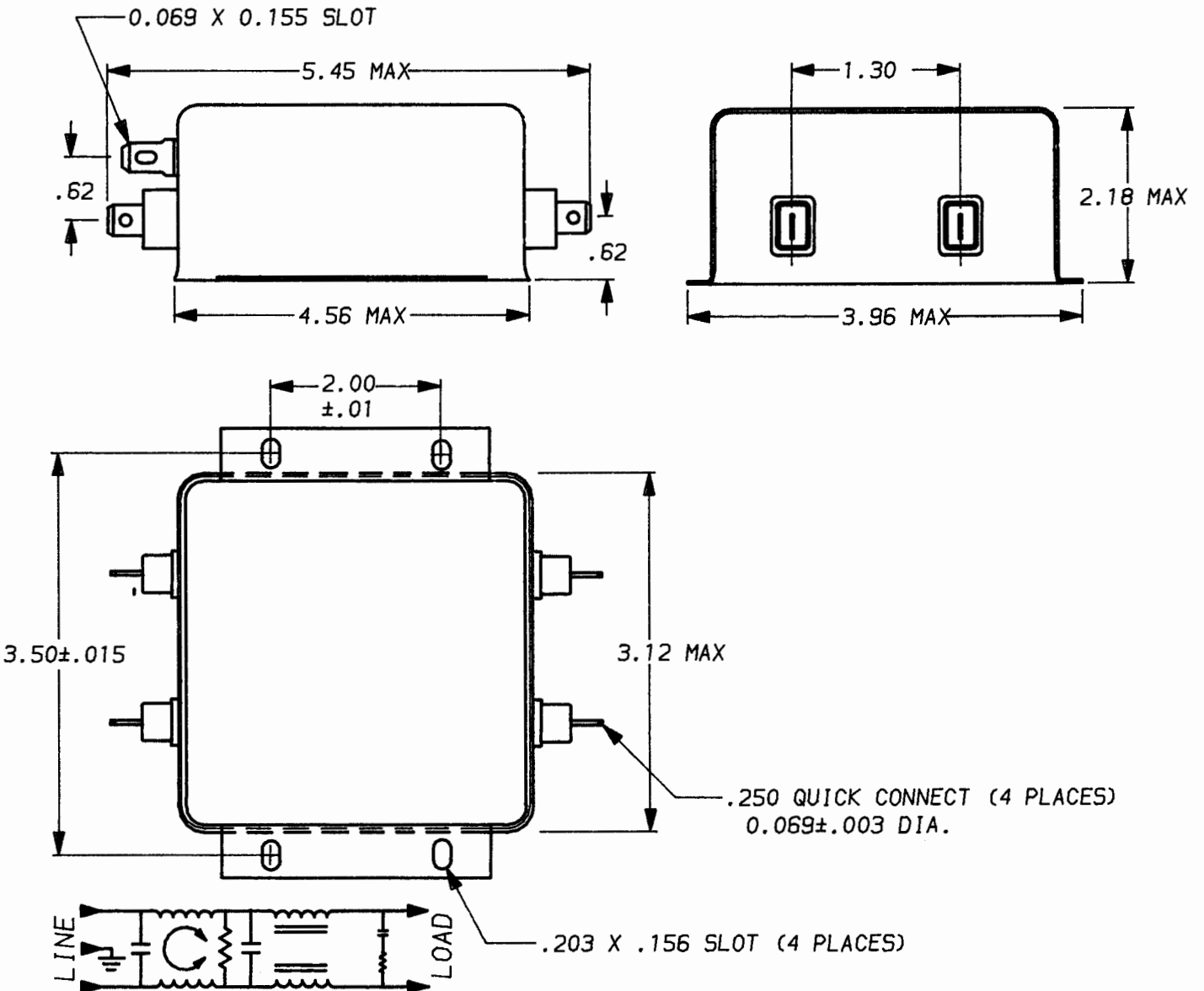
INDUCTANCE, 5.07 mH NOMINAL  
CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)  
LINE TO LINE, 2.07 µF ±20%  
DISCHARGE RESISTOR, 165KΩ  
LINE/GROUND AND LINE/LINE, 6000MΩ (MIN) AT 100VDC  
INSULATION RESISTANCE, 20°C AND 50% RH

**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	30	/	This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM'S prior written consent.	DATE: 10-4-93	CATALOG NO.
COMMON dB	4	13	18	21	24	27	35	41	34	22	12	12	5	2	/		APPROV: TAM	15EHT1
DIFF. dB	12	19	15	13	24	51	70	70	70	70	70	70	65	55	/		CAD NO.	15EHT1.02

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