

15VT1

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 UL 1283
 CSA CERTIFIED CSA 22.2, NO.0,0.4,8
 VDE APPROVED VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 15 AMP, 120/250 VAC
 12 AMP./40°C, 250 VAC

LINE FREQUENCY, 50-60Hz

MAX. LEAKAGE CURRENT, EACH: 1.25 mA AT 120V 60Hz
 LINE TO GROUND, 2.1 mA 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 GROUND, .0298 µF ±20%
 LINE TO LINE, 2.075 µF ±20%
 DISCHARGE RESISTOR, 165KΩ

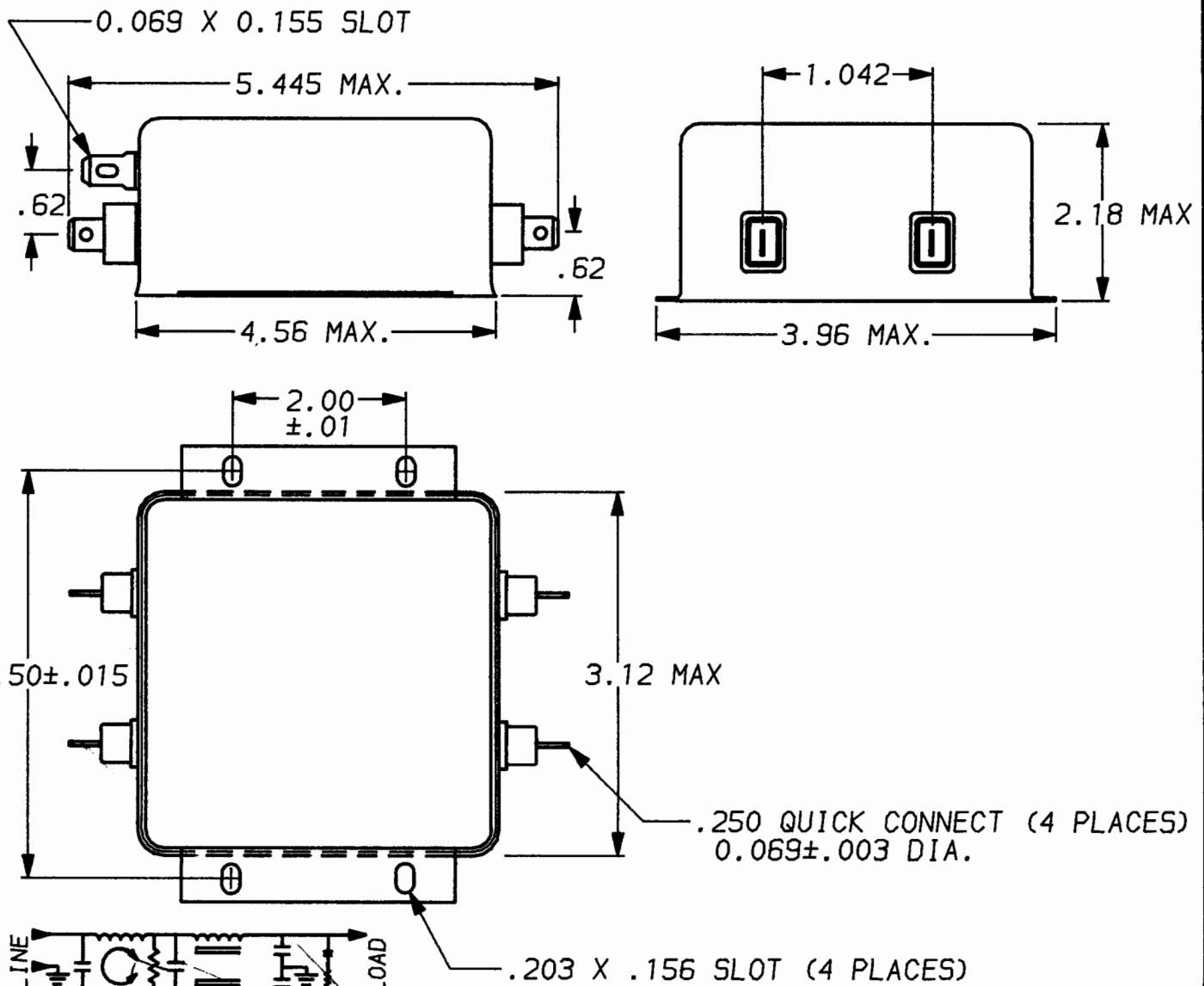
LINE/GROUND AND LINE/LINE, 6000Ω (MIN) AT 100VDC
 INSULATION RESISTANCE, 20°C AND 50% RH

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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS												UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025		MATERIAL & FINISH: AS SUPPLIED	
FREQUENCY MHz	.01	.03	.05	.07	.1	.15	.3	.5	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.		
COMMON dB	8	17	22	25	29	33	44	52	52	57	45	35	DATE: 9-28-93 CATALOG NO.		
DIFF. dB	12	19	15	13	24	51	70	70	70	70	65	60	APPRVD. <i>TJM</i> 15VT1		
												CAD NO. 15VT1.07			

corcom
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 9-28-93 CATALOG NO. 15VT1
 APPRVD. *TJM*

CAD NO. 15VT1.07