

CATALOG # 10R1

ECD #	APPRVD.	DATE
	KAW	17NOV06

SAFETY ORGANIZATIONS

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, # 8

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND:
 0.40mA @ 120V, 60Hz
 0.70mA @ 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:

$$I_o = I_r \sqrt{\frac{100 - T_a}{60}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH.
 CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS

TEST SPECIFICATIONS:

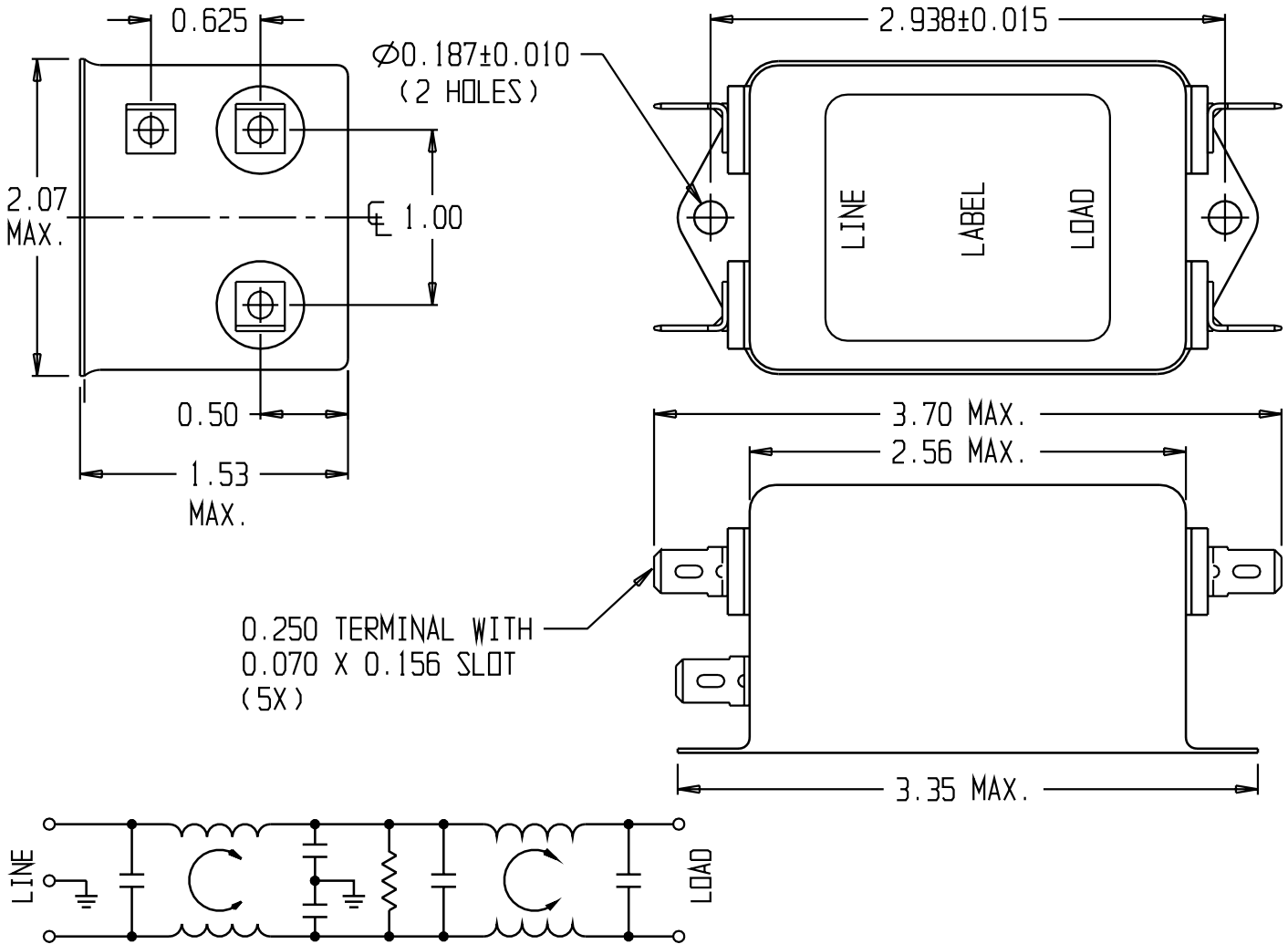
INDUCTANCE: 0.99mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.010µF ±20%
 LINE TO LINE: 0.303µF ±20%
 DISCHARGE RESISTOR: 10.0MΩ
 L/G AND L/L I.R.:
 NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
 LINE TO LINE: 1450VDC 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											THIRD ANGLE PROJECTION		tyco / Electronics CORCOM 620 S. BUTTERFIELD ROAD MUNDLEIGH IL 60060				
FREQUENCY MHz	0.15	0.4	0.5	0.6	1.0	2.0	5.0	10	20	30	UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED		CUSTOMER DRAWING 10R1				
COMMON dB	11	-	50	-	62	65	65	65	65	65	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.		TYCO: 0-6609030-5	SCALE: NTS	DATE: 31 JUL 90	CATALOG NO. 10R1	REV. B
DIFF. dB	7	3	-	10	40	65	65	65	57	57	DRW. BY: JF	ORIG: CFW					