

## 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  
VDE APPROVED: EN 133200

## OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 2 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND:  
0.21mA @ 120V, 60Hz  
0.36mA @ 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: 0.539mH NOMINAL  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
LINE TO GROUND: 0.0049µF ±20%  
LINE TO LINE: 0.010µF ±20%  
DISCHARGE RESISTOR: 1.5MΩ  
L/G AND L/L I.R.: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

## RECOMMENDED RECEIVING INSPECTION HIPOT:

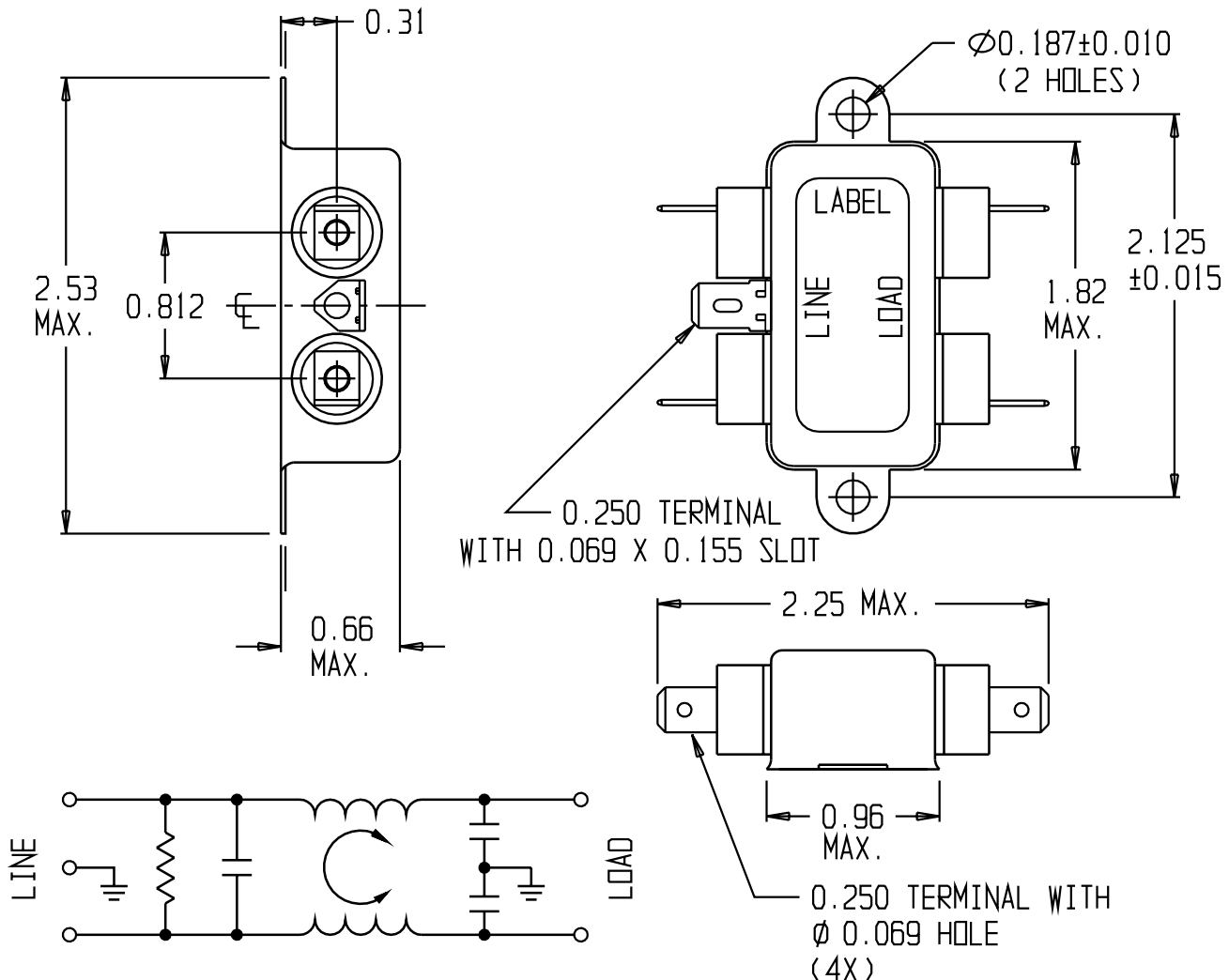
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE  
LINE TO LINE: 1450VDC FOR 1 MINUTE

## FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG # 2EB1

ECO #	APPRVD.	DATE
	KAW	30NOV06



## 50Ω- 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.15	0.5	1.0	2.0	5.0	10	20	30			
COMMON dB	10	21	27	33	40	45	47	50			
DIFF. dB											

THIRD ANGLE  
PROJECTION



UNLESS OTHERWISE SPECIFIED,  
TOLERANCE TO BE ±.025  
MATERIAL & FINISH: AS SUPPLIED

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**/Electronics **corcom**  
620 S. BUTTERFIELD ROAD MUNDLEIGH IL 60060

## CUSTOMER DRAWING 2EB1

TYCO: 0-6609020-3

SCALE:	NTS	DATE:	12SEP89	CATALOG NO.	2EB1	REV.	B
DRW. BY:	JF	DRG:	CW				

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6609020-3](#)