

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: EN133 200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 3 AMP/40°C, 120/250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 2.0 μ A @ 120V 60Hz
5.0 μ A @ 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: 1.99 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C $\pm$ 1°C)
LINE TO GROUND: N/A μ F $\pm$ 20%
LINE TO LINE: 0.10 μ F $\pm$ 20%
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.:
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

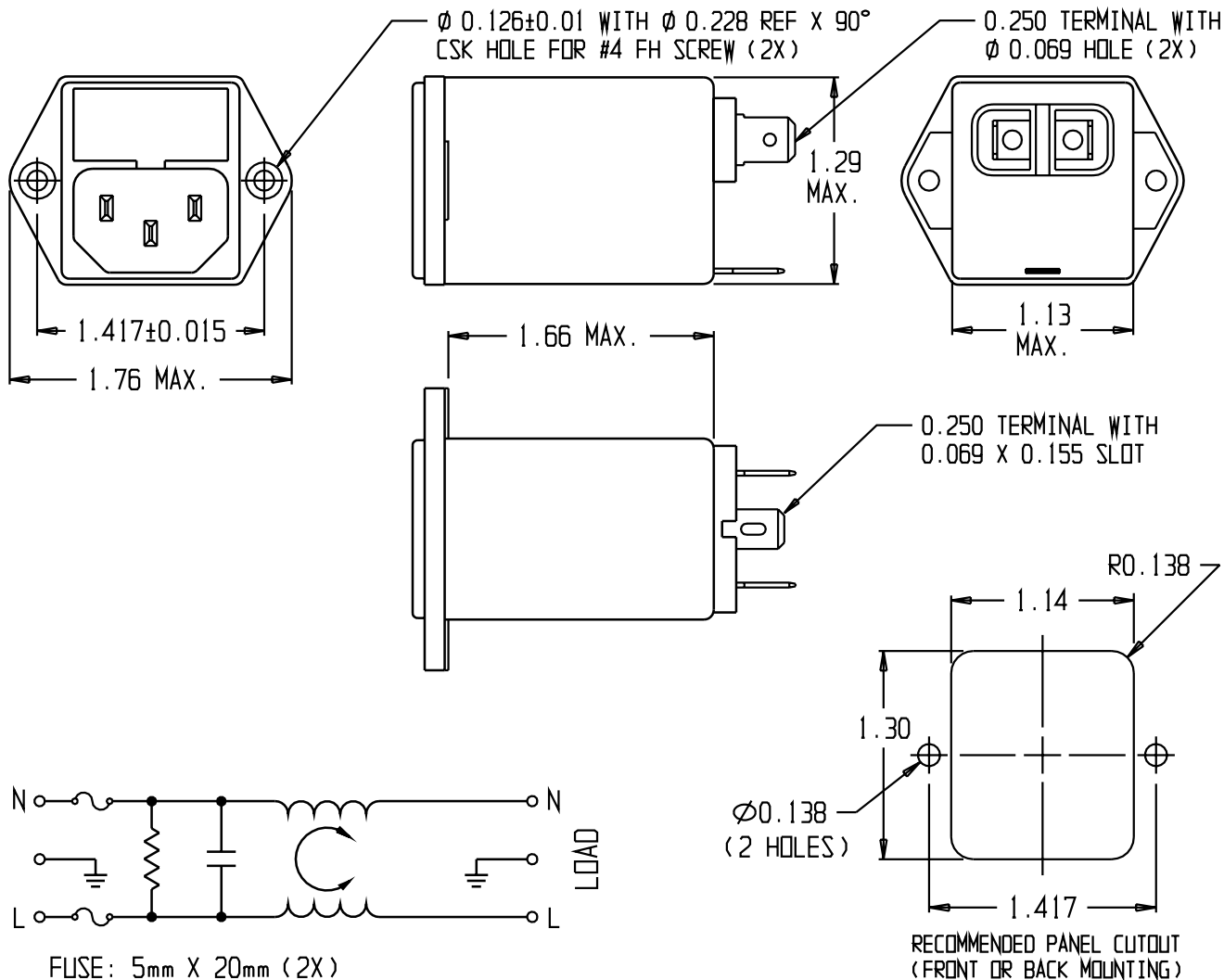
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG #3EHQ1-2

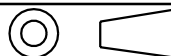
ECN #	APPRVD.	DATE
0631-0447-03	KAW	25OCT03



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.01	0.05	0.10	0.15	0.5	1.0	3.0	5.0	10	30
COMMON dB	-	11	16	20	25	26	-	22	21	21
DIFF. dB	4	-	-	23	30	30	30	30	30	30

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE $\pm$ 0.025
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**
844 E. ROCKLAND RD. LIBERTYVILLE IL 60048

CUSTOMER DRAWING 3EHQ1-2

TYCO: 0-1609116-2

SCALE:	DATE:	CATALOG NO.	REV.
NTS	10OCT03	3EHQ1-2	B
DRW. BY: JF	ORIG: KAW		

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[3EHG1-2](#)