

# 3EHQ8 & 3EHQ8M

## 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 APPROVAL PENDING

UL 544  
 CSA 22.2, NO.0,0.4,8  
 VDE 565-3

## OPERATING SPECIFICATIONS:

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

LINE FREQUENCY, 50-60Hz

MAX. LEAKAGE CURRENT, EACH, 2  $\mu$ A at 120V 60Hz  
 LINE TO GROUND, 5  $\mu$ A 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, 32.18 mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)

LINE TO LINE, .94  $\mu$ F ±20%  
 DISCHARGE RESISTOR, 270K $\Omega$

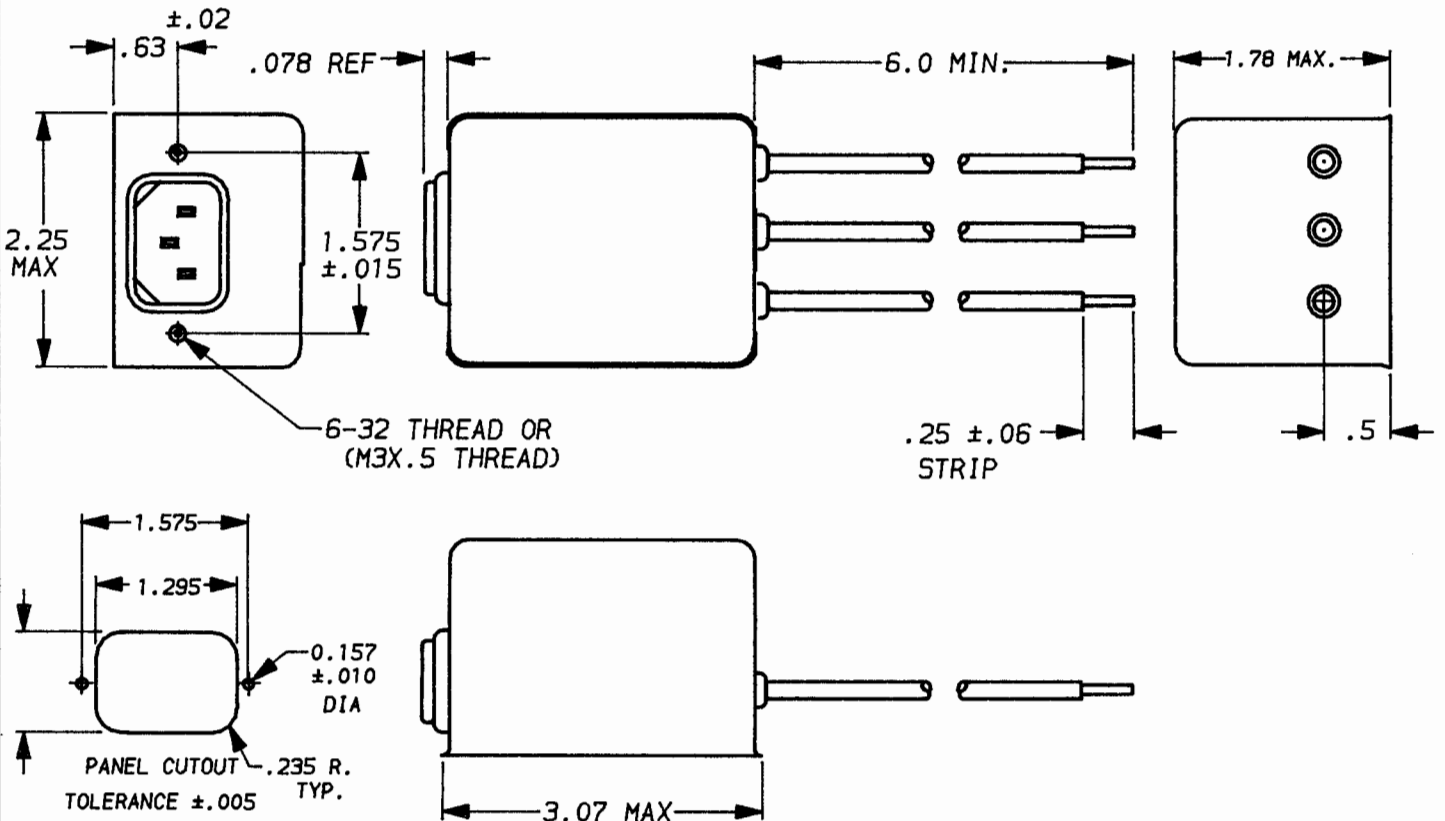
LINE/GROUND AND LINE/LINE, 6000M $\Omega$  (MIN) AT 100VDC  
 INSULATION RESISTANCE, 20°C AND 50% RH

## 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.



50 $\mu$ - 50 $\mu$ (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.01	.015	.02	.05	.15	.5	1	2	5	10	30
COMMON dB	19	22	24	32	44	44	40	38	28	22	13
DIFF. dB	1	2	18	43	68	75	75	72	70	65	60

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.

**corcom**  
 LIBERTYVILLE, IL 60048  
**POWER LINE FILTER**  
 DATE: 10-4-93 CATALOG NO.  
 APPROV. T.A.M. 3EHQ8 & 3EHQ8M  
 CAD NO. 3EHQ8.01

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power Line Filters](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[6609019-3](#) [6609026-5](#) [6609030-6](#) [6609973-2](#) [D30A](#) [7-1609090-5](#) [F2810](#) [F4456A](#) [F7382Z](#) [F7863Z](#) [FAHAV3100ZC000](#) [806276](#) [FN2020B-1-06](#) [FN2080B-10-06](#) [FN2410H-32-33](#) [FP144](#) [FS4153-20-06](#) [FS4353-500-99](#) [12-MMB-030-11-D](#) [DB4-393](#) [15811T200](#) [20B1](#) [LC630](#) [2B1](#) [1609080-2](#) [1609993-8](#) [1-6609070-1](#) [F1100AA02](#) [F1150CC10](#) [F1500CA10](#) [F1500CA15](#) [F4041Z](#) [F7585E](#) [1B1](#) [FN2070A-16-06](#) [FN2090A-20-06](#) [FN2090B-12-06](#) [FN2090Z-1-06](#) [FN2410H-25-33](#) [FN2410H-60-34](#) [FN2410H-8-44](#) [FN2412H-8-44](#) [FN323B-6-01](#) [FN3258H-130-35](#) [FN610R-3-06](#) [20EHQ7](#) [20EHZ7](#) [20K1](#) [30B6](#) [3K1](#)