

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 60939-2

OPERATING SPECIFICATIONS

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

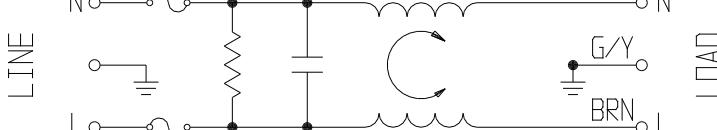
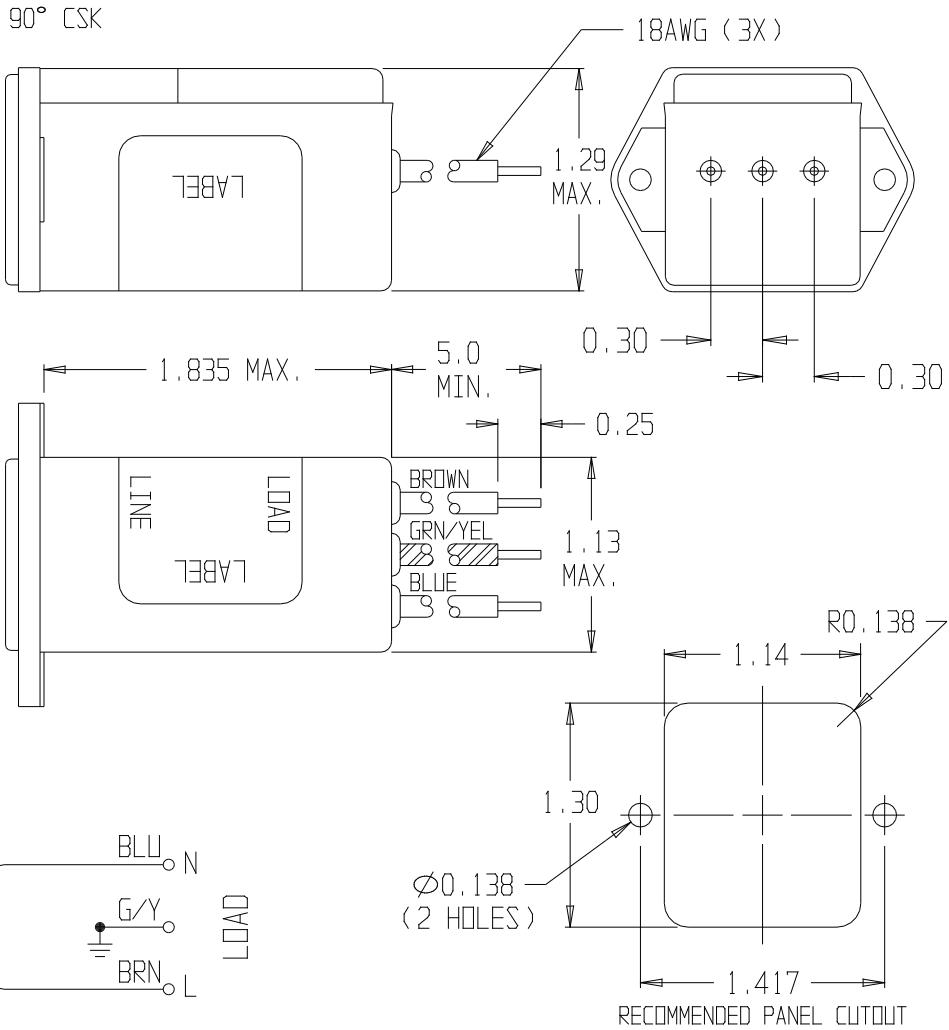
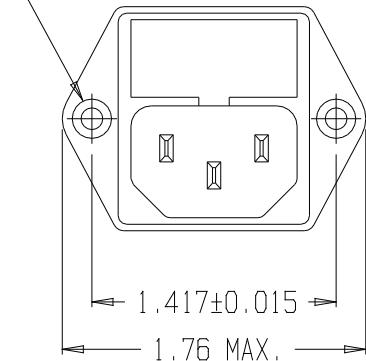
LINE FREQUENCY: 50-60Hz

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

$\phi 0.126 \pm 0.01$ WITH $\phi 0.228$ REF X 90° CSK
HOLE FOR #4 FH SCREW



FUSE: 5mm X 20mm (2X)

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.05	0.10	0.15	0.5	1.0	5.0	10	20	30	/	/	/
COMMON dB	11	16	19	25	26	22	21	21	21	/	/	/
DIFF. dB	-	4	7	16	23	30	30	30	30	/	/	/

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HARRISBURG, PENNSYLVANIA USA.

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

CUSTOMER DRAWING

CATALOG # 3EHG8-2

ECN #	APPRVD.	DATE
	TAM	24APR08

TEST SPECIFICATIONS:

INDUCTANCE: 1.99mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: N/A
LINE TO LINE: 0.10 μ F ±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.

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ±0.025
MATERIAL & FINISH: AS SUPPLIED

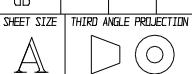
NOTES:

Tyco Electronics
CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

CUSTOMER DRAWING 3EHG8-2

TYCO ELECTRONICS PART NO. 1-1609117-5

SCALE:	NTS	DATE:	24APR08	DRAW. BY:	SD	DRW. BY:	TAM	REV. 0
G:\KeyCreator Directories\CD\3EHG8-200.ckd				3EHG8-2				



CVM AVAILABLE	YES	NO	
G:\KeyCreator Directories\CD\3EHG8-200.ckd			3EHG8-200.ckd

Mouser Electronics

Authorized Distributor

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