

## 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: 1 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND: 0.22 mA @ 120V, 60Hz  
0.38 mA @ 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: 10.0mH NOMINAL  
0.275mH NOMINAL (GND CHOKE)  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C ± 1°C)  
LINE TO GROUND: 0.0053µF ± 20%  
LINE TO LINE: 0.101µF ± 20%  
DISCHARGE RESISTOR: 1.5MΩ  
L/G AND L/L I.R.:  
NO DISCHARGE RESISTOR: 6000Ω (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

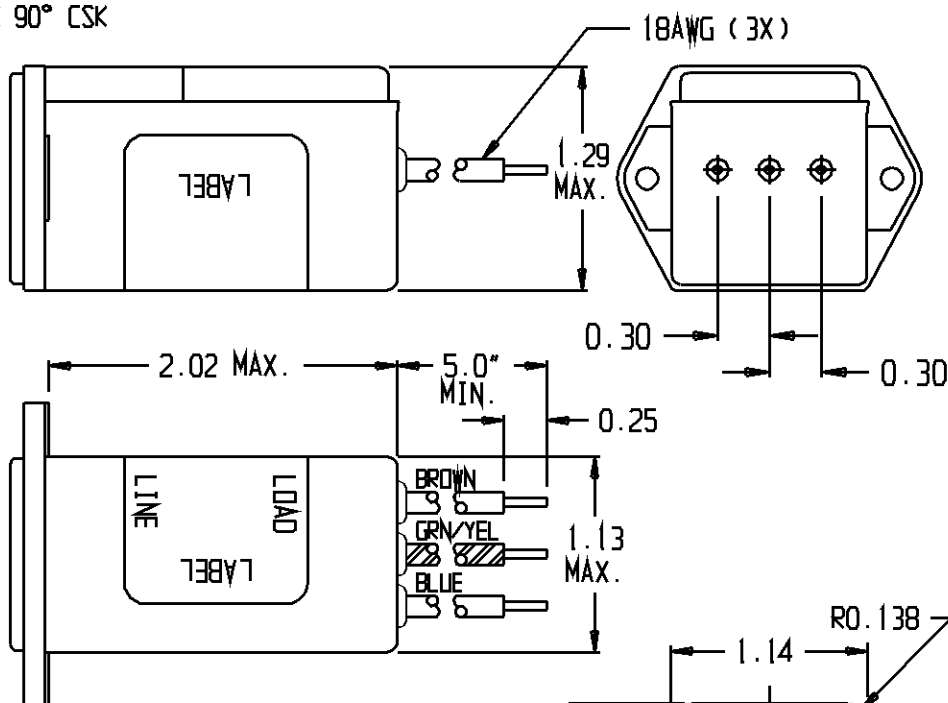
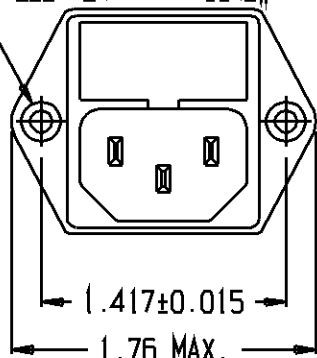
## FILTER APPROVAL:

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

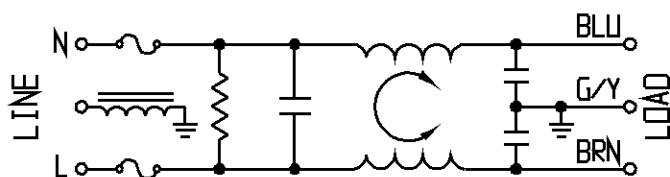
CATALOG # 1EGG8C-2

ECO #	APPRVD.	DATE
	KAW	8NOV06
ECO-09-026495	AEG	08DEC09

Ø 0.126 ± 0.01 WITH Ø 0.228 REF X 90° CSK  
HOLE FOR #4 FH SCREW



1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



FUSE: 5mm X 20mm (2X)

1609115-9  
6609115-9

OBSOLETE



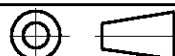
Ø 0.138  
(2 HOLES)

RECOMMENDED PANEL CUTOUT  
(FRONT OR BACK MOUNTING)

## 50Ω - 50Ω (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	12	23	29	32	41	47	-	50	50	55
DIFF. dB	1	-	-	3	14	23	41	47	50	44

THIRD ANGLE  
PROJECTION



UNLESS OTHERWISE SPECIFIED,  
TOLERANCE TO BE ± 0.25  
MATERIAL & FINISH: AS SUPPLIED

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CUSTOMER DRAWING 1EGG8C-2

TYCO: 0-6609115-9

SCALE: NTS DATE: 4DEC03 CATALOG NO. 1EGG8C-2 REV. A1  
DRW. BY: JF ORIG: KAW

# Mouser Electronics

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