

CATALOG # 6EGG1C-2

ECO #	APPRVD.	DATE
	KAW	14NOV06

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: 6 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.22mA @ 120V, 60Hz
0.38mA @ 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: 0.93mH 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: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

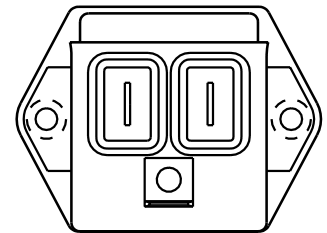
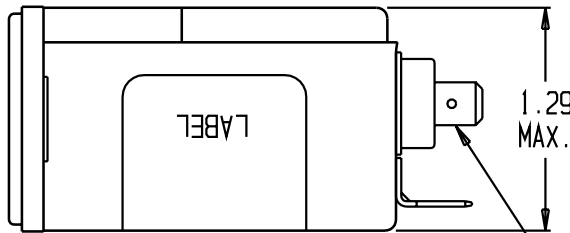
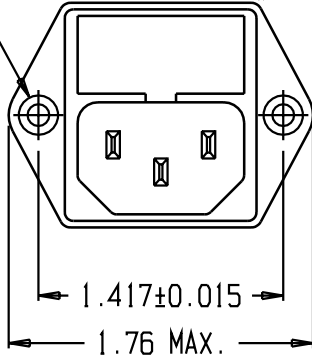
RECOMMENDED RECEIVING INSPECTION HIPOT:

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

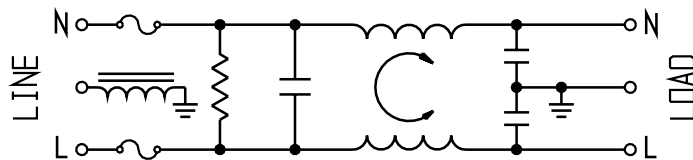
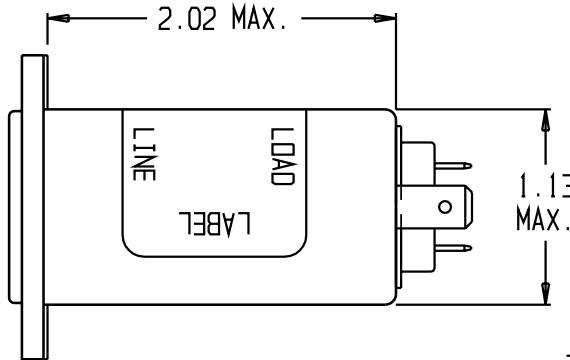
FILTER APPROVAL:

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

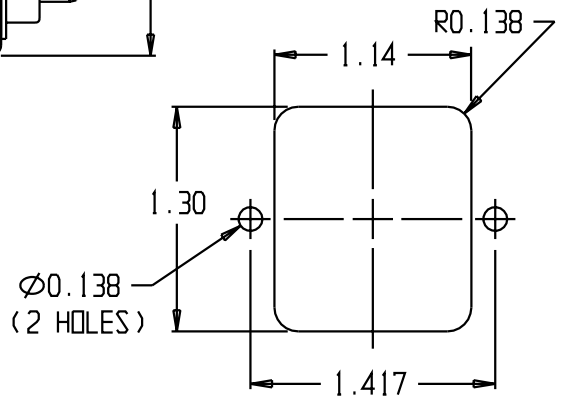
Ø 0.126±0.01 WITH Ø 0.228 REF X 90° CSK
HOLE FOR #4 FH SCREW



0.250 TERMINAL WITH Ø 0.069 HOLE (3X)



FUSE: 5mm X 20mm (2X)



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	-	1	4	10	16	22	-	36	40	50
DIFF. dB	1	-	-	2	10	13	23	33	39	42

THIRD ANGLE PROJECTION

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

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CUSTOMER DRAWING 6EGG1C-2

TYCO: 2-6609115-6
SCALE: NTS DATE: 4DEC03 CATALOG NO. 6EGG1C-2 REV. A
DRW. BY: JF ORIG: KAW