

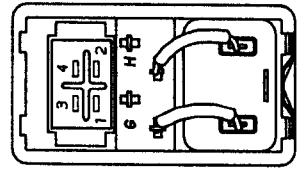
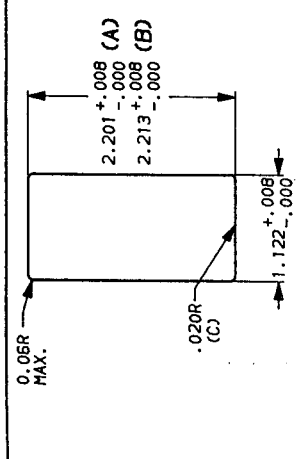
SAFETY ORGANIZATION(S)

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.

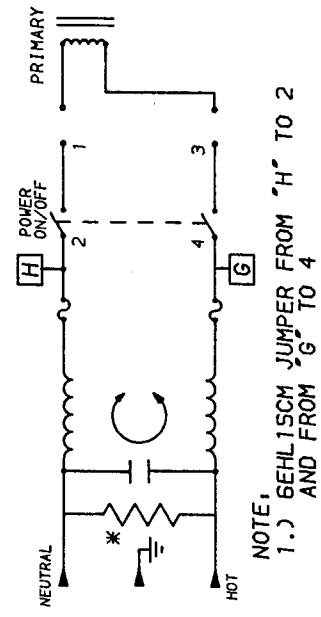
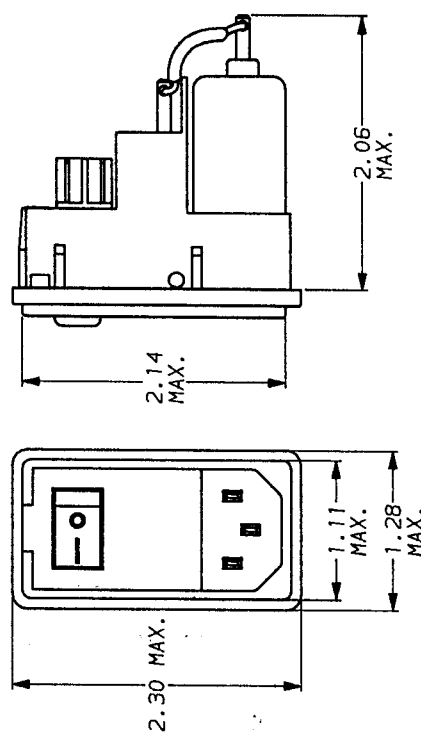
- UL RECOGNIZED
- UL 1283, 544
- CSA CERTIFIED
- CSA 22-2, NO. 0.0.4, 8
- VDE APPROVED
- VDE 565-3, 625

RECOMMENDED PANEL CUTOUT  
(NOT TO SCALE)

- NOTES:
- (A) FOR PANEL TH'K. OF .031 -.079
  - (B) FOR PANEL TH'K. OF .083 -.126
  - (C) FOR SNAP-IN APPLICATION, THE SIDES OF THE CUTOUT MUST HAVE A .020R. ON THE INSTALLATION SIDE.




NOTE, ALL BACKPLATE TERMINALS ARE .110 FASTONS EXCEPT SWITCH TERMINALS WHICH ARE .187 FASTONS.



NOTE, 1.) 6EHL1SCM JUMPER FROM "H" TO 2 AND FROM "G" TO 4

50Ω - 50m (MINIMUM) INSERTION LOSS									TOLERANCE EXCEPT AS NOTED				
FREQUENCY MHz	.05	.15	.50	1.0	2.0	5.0	10	30	DECIMAL, .XXX	.XX	.X	ANGLES ENGLISH, ±.025	± 1°
COMMON dB	3	8	13	15	16	18	18	18	METRIC, ± —				
DIFF. dB	1	4	14	20	25	32	38	42	MATERIAL: AS SUPPLIED				
FINISH:													
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SCALE				DATE		DWS. NO.		REV.	
NTS				3-4-87					
DRW. BY				ORIGINATOR		6EHL1SCM.03			
LJD				CFW					



LIBERTYVILLE, IL 60048

POWER LINE FILTER

**corcom**  
LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

DATE	DRG. NO.	REV.
NTS	3-4-87	03
BY	ORIGINATOR	
LJD	CFW	

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT, 5 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- MAX. LEAKAGE CURRENT, EACH 2μA @ 120V 60Hz
- LINE TO GROUND 5μA @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>
- IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:
- $I_o = I_r \sqrt{\frac{95 - T_a}{45}}$
- 25°C TO +85°C
- 21 DAYS @ 40°C 95% RH
- 5 TIMES RATED CURRENT FOR 8 SECONDS

RELIABILITY SPECIFICATIONS

- STORAGE TEMPERATURE, -25°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST, 5 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS

- INDUCTANCE, .52mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) LINE TO LINE, .047μF ±20%
- DISCHARGE RESISTOR, 1.5 MΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE 5000 MΩ (MIN) AT 100 VDC
- (W/O DISCHARGE RESISTOR) 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT.

- 2250 VDC FOR 1 MINUTE
- 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.

\*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).

# Mouser Electronics

Authorized Distributor

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