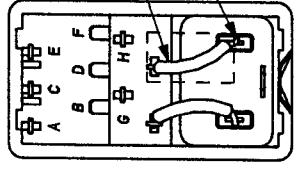
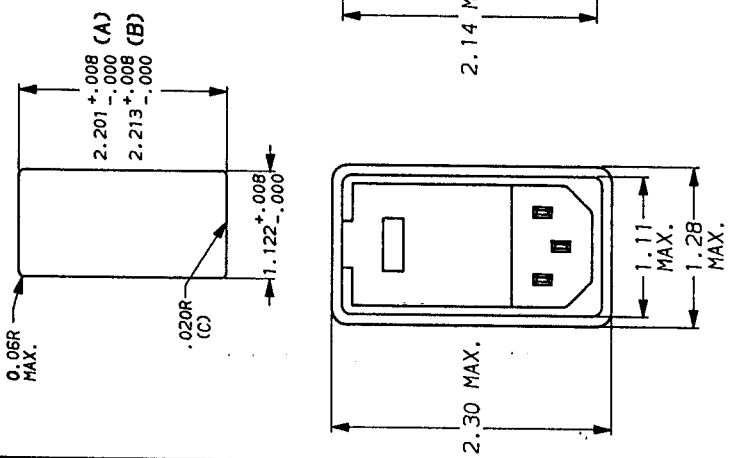


RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)

- 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 1
 POINT 'X'
 NOTE 2

NOTE: ALL BACKPLATE TERMINALS ARE .110 FASTONS.

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 1283
- CSA 22.2, NO.0,0,4,8
- VDE 565-3, 625
- SEN 432901
- SEV 1055/IP19177/S.1.1

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 6 AMP., 120/250 VAC
- LINE FREQUENCY: 50-60HZ
- MAX. LEAKAGE CURRENT, EACH: .25mA @ 120V 60HZ
- LINE TO GROUND: .40mA @ 250V 50HZ
- OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, I_o, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{95-I_a}{45}}$$

RELIABILITY SPECIFICATIONS:

- STORAGE TEMPERATURE: -25°C TO +40°C
- HUMIDITY: 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

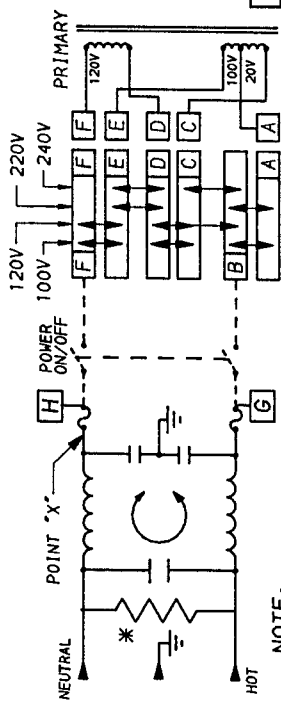
- INDUCTANCE: .27mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C): .0028µF ±20%
- LINE TO GROUND: .047µF ±20%
- LINE TO LINE: 1.5 MΩ
- DISCHARGE RESISTOR, LINE/GROUND AND LINE/LINE: 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE (M/O DISCHARGE RESISTOR): 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT.

- 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.



- NOTE:
 1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING 6EDL4CM ONLY.
 2.) 6EDL4C CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.

50Ω - 50Ω (MINIMUM)	INSERTION LOSS							
FREQUENCY MHz	.05	1.0	3.0	5.0	10	30		
COMMON	1	6	13	17	26	31	37	45
DIFF. dB	—	6	15	20	25	25	45	50

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TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ±.025
 METRIC: ±

MATERIAL: AS SUPPLIED

FINISH:

SCALE: NTS DATE: 2-9-87 DRG. NO. 6EDL4C & 6EDL4CH
 DESIGNED BY: LJD CFW
 REV. 5



LIBERTYVILLE, IL 60048

POWER LINE FILTER

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6EDL4CM](#)