

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, 544
- CSA 22.2, NO.0, 0.4, 8
- VDE 565-3, 625
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS

- LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
- LINE FREQUENCY, 50-60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND, 2µA @ 120V 60Hz
- 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:
 $I_o = I_r \sqrt{\frac{85-T_a}{45}}$

RELIABILITY SPECIFICATIONS

- STORAGE TEMPERATURE, -25°C TO +85°C
- HUMIDITY, 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST, 6 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.

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX	.XX	.X	ANGLES
ENGLISH, ±.025	±.025	±.025	± 1°
METRIC, ±	---	---	---

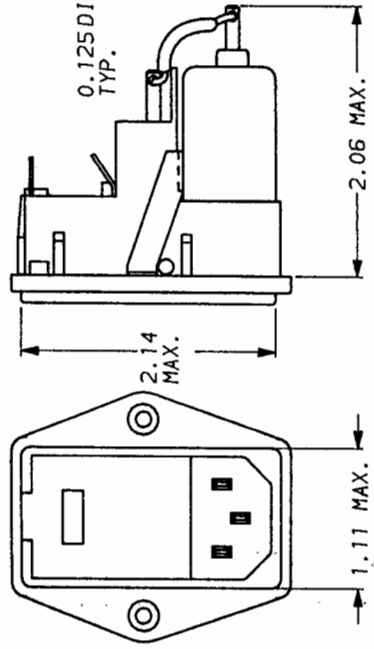
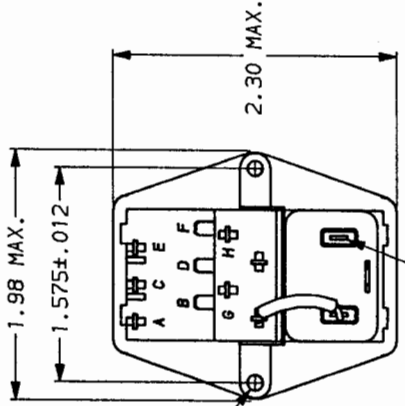
MATERIAL, AS SUPPLIED

FINISH:

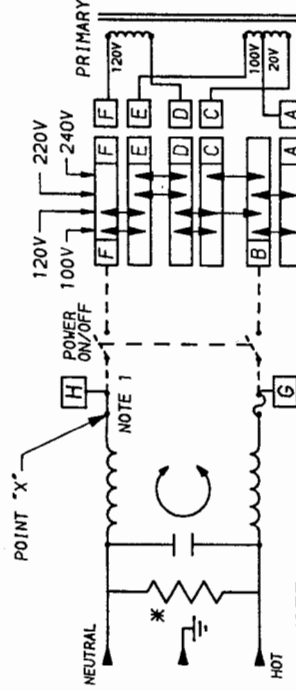
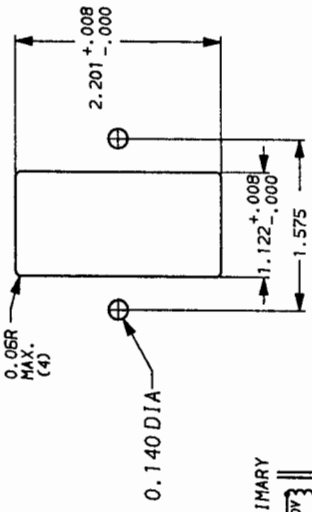
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FREQUENCY	50Ω - 50Ω (MINIMUM) INSERTION LOSS			
30	0.05	1.0	2.0	5.0
10	0.15	1.5	2.5	7.0
COMMON	3	8	13	15
dB	1	4	14	20
DIFF.	1	4	14	20
dB	1	4	14	20
	32	38	42	

NOTE:
1.) 6EHL4 CONNECT JUMPER OR SWITCH FROM POINT X TO F AND FROM G TO B.
*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).



RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)



corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	3-12-87		6EHL4.03
DRN. BY	LJD	DESIGNATOR	CFW