

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

UL RECOGNIZED
CSA CERTIFIED
VDE APPROVED

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, 5µA @ 250V 50Hz
- IN AN AMBIENT, T_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:
 $I_0 = I_r \sqrt{\frac{85-T_0}{45}}$

RELIABILITY SPECIFICATIONS

- STORAGE TEMPERATURE, -25°C TO +65°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, 6000 MΩ (MIN) AT 100 VDC
- (W/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.

TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH:

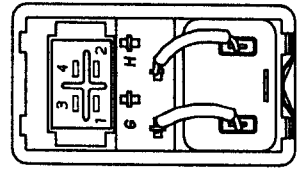
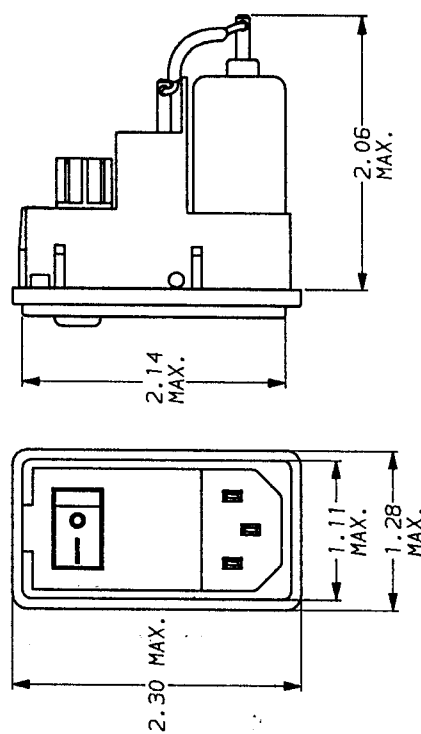
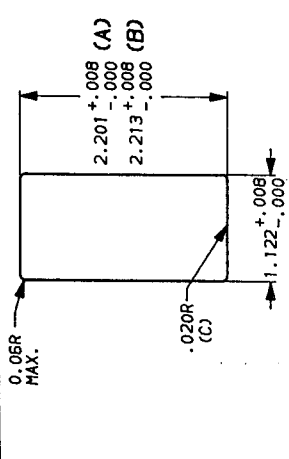
SCALE	DATE	DRG. NO.	REV.
NTS	3-4-87	6EHL1SCM.03	03
DRN. BY	LJD	CFW	

FREQUENCY	50Ω - 50Ω (MINIMUM) INSERTION LOSS							
Hz	.05	.15	.50	1.0	2.0	5.0	10	30
COMMON	3	8	13	15	16	18	18	18
DIFF. dB	1	4	14	20	25	32	38	42

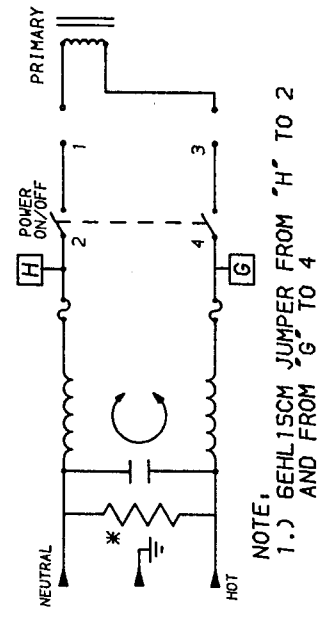
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RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)

- 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

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



POWER LINE FILTER