

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:	-40°C TO +85°C
HUMIDITY:	21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST:	6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:	.93mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)	

LINE TO LINE,	.009μF ±20%
DISCHARGE RESISTOR:	1.5 MΩ
LINE/GROUND AND LINE/LINE	6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)	20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND,	1500 VAC FOR 1 MINUTE
LINE TO LINE,	1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

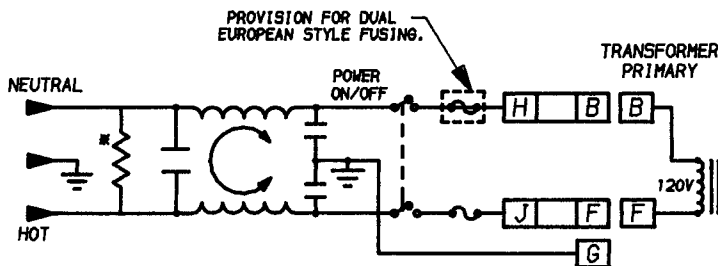
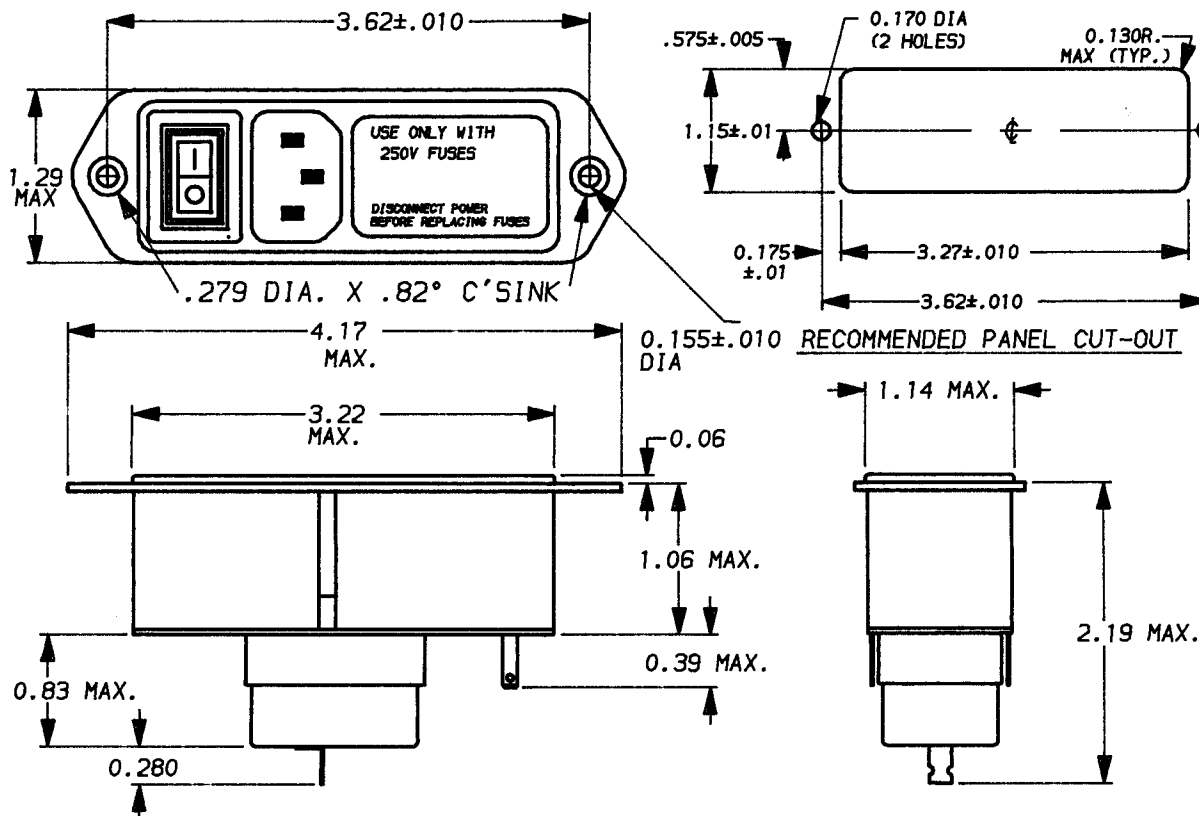
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT,	5 AMP., 120 VAC
	4 AMP., 250 VAC
	4 AMP./40°C, 250 VAC
LINE FREQUENCY,	50-60Hz
MAX. LEAKAGE CURRENT, EACH	2μA AT 120V 60Hz
LINE TO GROUND	5μA AT 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:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$



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

50Ω - 50Ω (MINIMUM) INSERTION LOSS								
FREQUENCY MHz	.15	.50	1.0	2.0	5.0	10	20	30
COMMON dB	14	18	19	21	22	22	19	17
DIFF. dB								

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

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corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 4-18-94	CATALOG NO.	REV.
APPRD.	SEHM1S	05

CAD NO. SEHM1S.05

SEHM1S