

SEHM45

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

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	2μ A @ 120V 60Hz
LINE TO GROUND	5μ A @ 250V 50Hz
OPERATING AMBIENT TEMP. RANGE,	-10°C TO +40°C @ RATED CURRENT,

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

TEST SPECIFICATIONS:

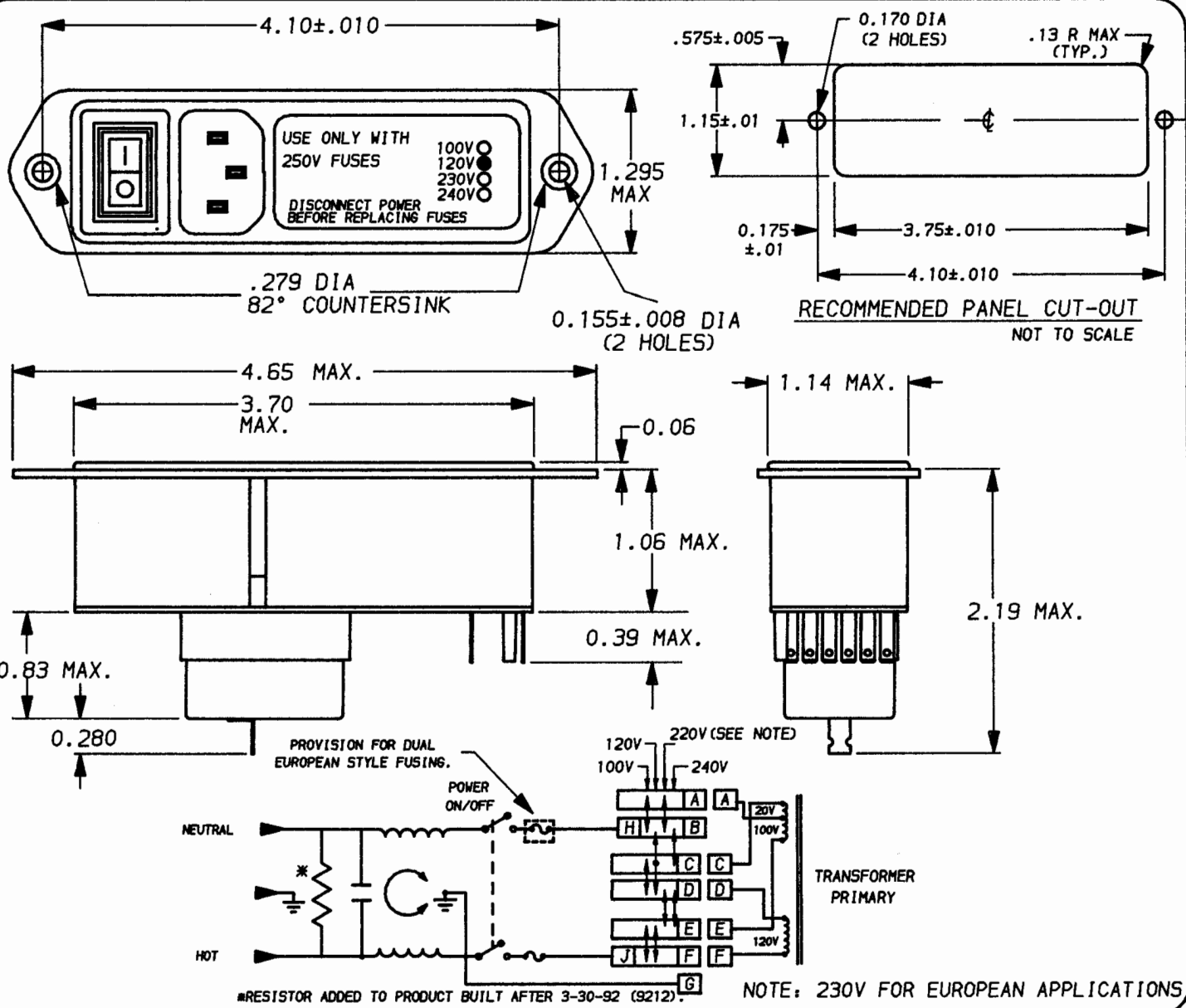
INDUCTANCE,	.93mH NOMINAL
CAPACITANCE,	(MEASURED AT 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO LINE,	.009μF ±20%
DISCHARGE RESISTOR,	1.5 MΩ
LINE/GROUND AND LINE/LINE	6000 MΩ (MIN)
INSULATION RESISTANCE	AT 100 VDC
(W/O DISCHARGE RESISTOR)	20°C AND 50% RH

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.



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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POWER LINE FILTER	
DATE: 4-18-94	CATALOG NO.
APPROV.	SEHM45 05
CAD NO.	SEHM45.05