

SAFETY ORGANIZATIONS

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
CSA CERTIFIED
VDE PENDING

UL1283, 544
CSA 22.2, NO.0,0.4,8
EN133 200

LINE VOLTAGE/CURRENT: 5 AMP, 120VAC
4 AMP, 250VAC
4 AMP./40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

OPERATING SPECIFICATIONS

MAXIMUM LEAKAGE CURRENT, EACH: 2 μ A AT 120V 60Hz
LINE TO GROUND: 5 μ A 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:

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

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 @ 1KHz, 0.250VAC MAX., 25°C $\pm$ 1°C)
LINE TO LINE: .009 μ F $\pm$ 20%
DISCHARGE RESISTOR: 1.5M Ω

LINE/GROUND AND LINE/LINE: 6000M (MIN.)
INSULATION RESISTANCE: AT 100VDC
(W/O DISCHARGE RESISTOR) 20°C AND 50% RH.

RECOMMENDED RECEIVING INSPECTION HIPOT:

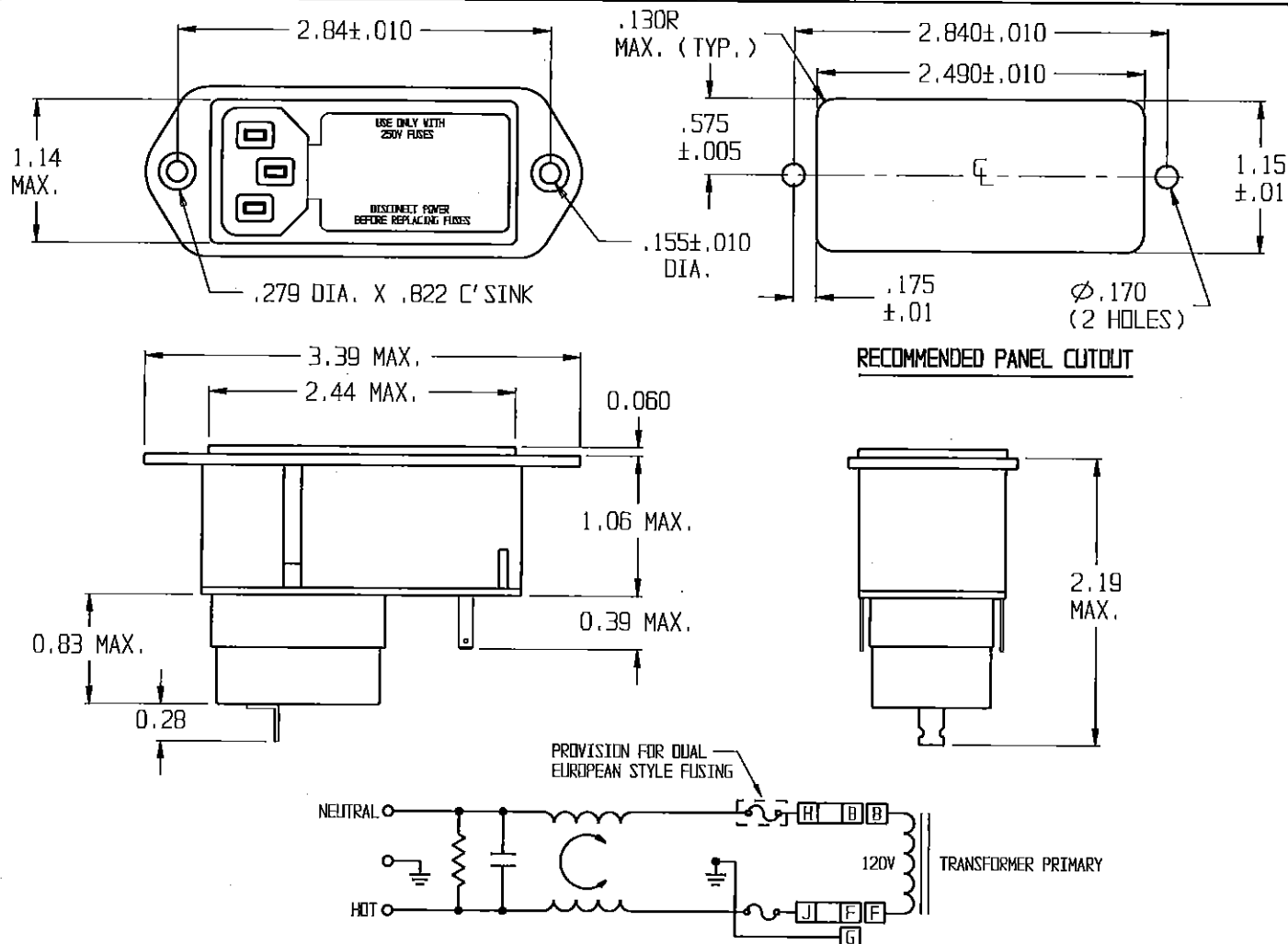
LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG #5EHM1

EC#	APPR.	DDMMYY	REV.
16-013119	JB	06SEP16	H

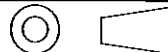


RECOMMENDED PANEL CUTOUT

50 Ω - 50 Ω (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											

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE $\pm$.025
MATERIAL & FINISH: AS SUPPLIED

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TE TE Connectivity

POWER LINE FILTER

SCALE: NTS	DATE: 7/9/96	TYCO # 1-6609130-1	CATALOG NO.	REV.
DRW. BY: JF	DRG: KAW	5EHM1	H	