CATALOG # 6EC1		
ECO #	APPRVD.	DATE
	KAW	21NOV06

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: UL 1283
CSA CERTIFIED: CSA 22.2, # 8
VDE APPROVED: EN 133200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 6 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.22mA @ 120V, 60Hz
0.38mA @ 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: $I_o = I_r \sqrt{\frac{100 - T_a}{60}}$

RELIABILITY SPECIFICATIONS:

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

TEST SPECIFICATIONS:

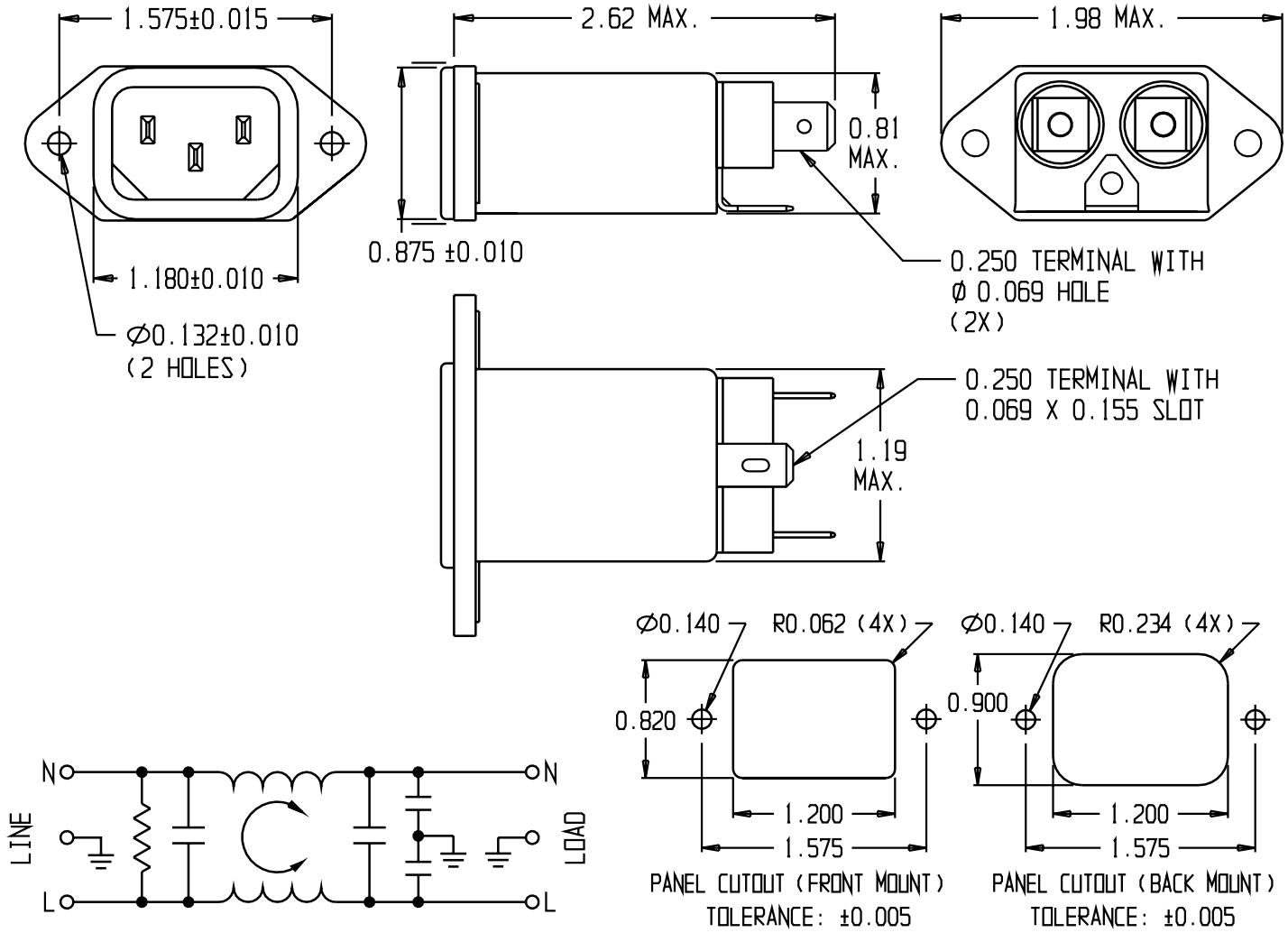
INDUCTANCE: 0.93mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0059µF ±20%
LINE TO LINE: 0.2015µF ±20%
DISCHARGE RESISTOR: 1.0MΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC 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	0.15	0.5	0.6	1.0	2.0	5.0	10	20	30		
COMMON dB	15	22	-	25	30	40	45	50	50		
DIFF. dB	10	10	10	40	60	65	60	40	40		

THIRD ANGLE PROJECTION

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

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CUSTOMER DRAWING 6EC1

TYCO: 0-6609017-9

SCALE: NTS	DATE: 12SEP89	CATALOG NO. 6EC1	REV. B
DRW. BY: JF	ORIG: KAW		