

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 UL1283
CSA CERTIFIED CSA 22.2, NO. 0,0.4,8
VDE APPROVED VDE 565-3

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

LINE FREQUENCY: 50-60Hz

OPERATING SPECIFICATIONS

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.30 mA @ 120V 60Hz
0.50 mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T₀, HIGHER THAN 40°C, THE MAXIMUM OPERATING
CURRENT, I₀, IS AS FOLLOWS: $I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$

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: 18.5mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.008 µF ±20%
LINE TO LINE: 0.94 µF ±20%
DISCHARGE RESISTOR: 330KΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC,
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

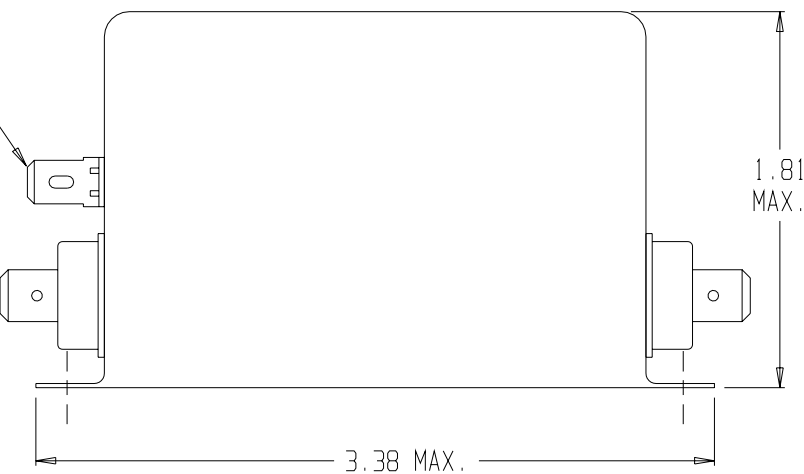
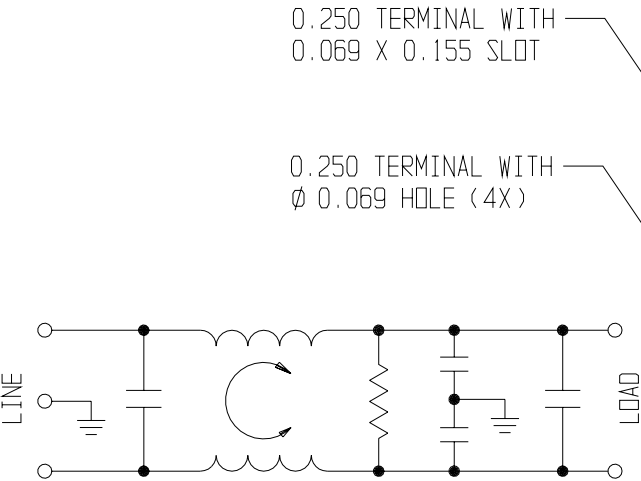
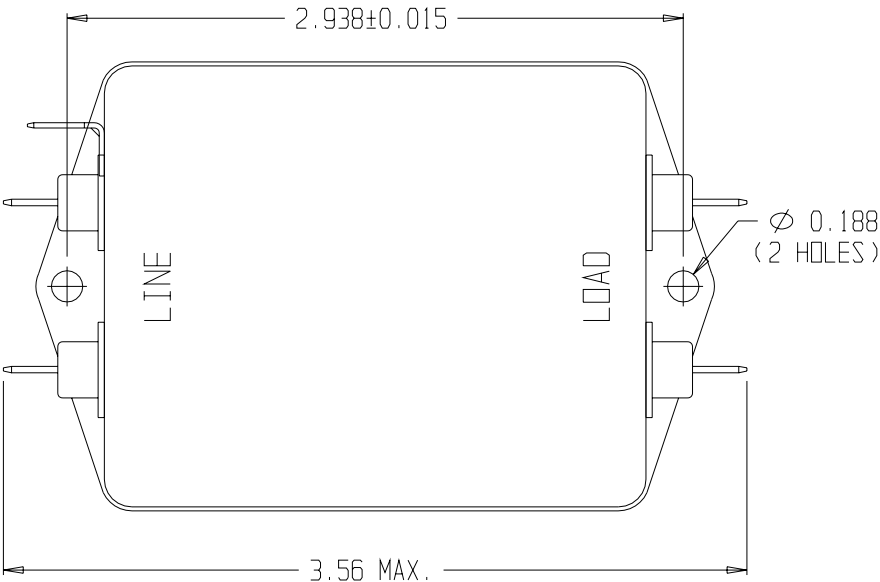
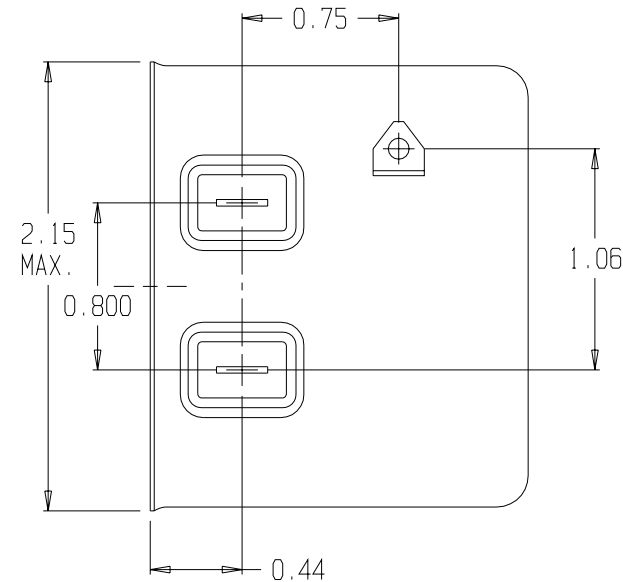
LINE TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG # 6ET1

ECN #	APPRVD.	DATE
/		



50Ω- 50Ω(MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.02	.05	.15	.5	1	2	5	8	10	20	30
COMMON dB	16	26	30	41	47	44	43	43	40	40	42	42
DIFF. dB	4	2	14	51	70	70	70	65	50	47	50	55

THIRD ANGLE
PROJECTION

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

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POWER LINE FILTER

CAD FILE: C:\CK\CON6ET106	DATE: 9/9/02	CATALOG NO. 6ET1	REV. 6
SCALE: NTS	DRW. BY: JF	ORIG: KAW	