

RECOMMENDED MOUNTING HOLES AND CLEARANCE AREA
TOLERANCE UNLESS OTHERWISE SPECIFIED, ±.006

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, NO.0,0.4, 8
- VDE APPROVED: EN 133 200

OPERATING SPECIFICATIONS

- LINE CURRENT/VOLTAGE: 3 AMP, 120/250 VAC, 3 AMP/40°C, 250 VAC
- LINE FREQUENCY: 50-60Hz
- MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND: 0.3mA @ 120V 60Hz, 0.5mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +60°C @ RATED CURRENT, I_r .
IN AN AMBIENT, T_a , HIGHER THAN 60°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{25}}$$

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:

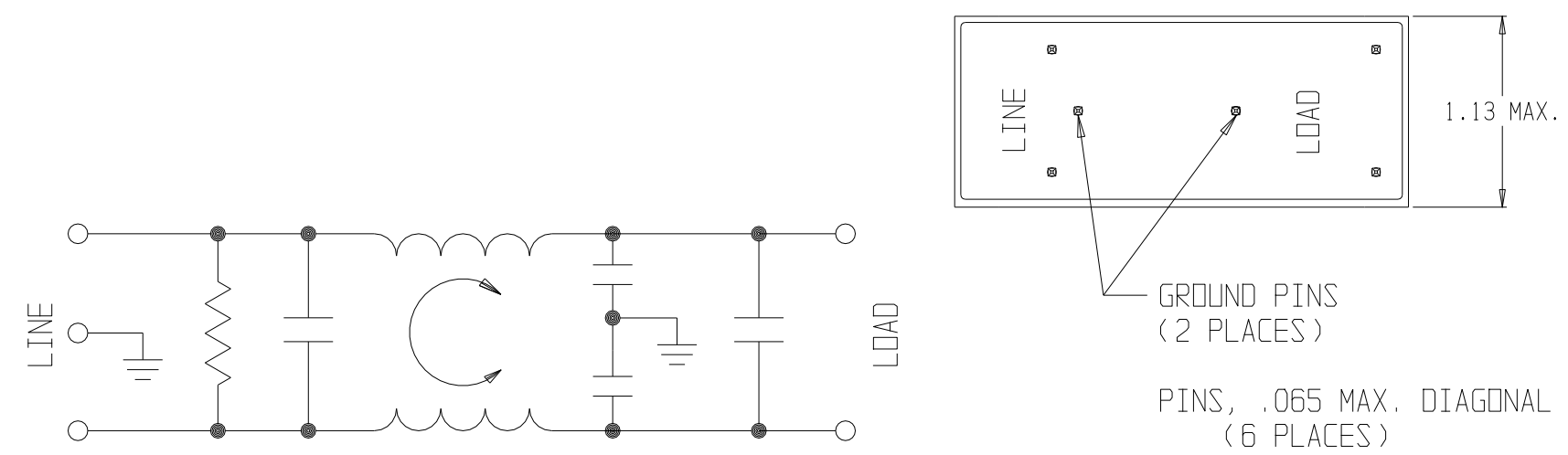
- INDUCTANCE: 13.77 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1KHz, 0.25VAC MAX., 25°C±1°C)
 - LINE TO GROUND: 8000pF ±20%
 - LINE TO LINE: .74pF ±20%
- DISCHARGE RESISTOR: 330 K Ω
- LINE/GROUND AND LINE/LINE 6000M Ω (MIN.) @ 100VDC
- INSULATION RESISTANCE 20°C AND 50% RH (WITHOUT DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

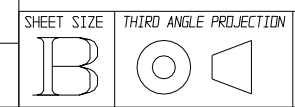
- LINE TO GROUND: 2250VDC FOR 1 MINUTE
- LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

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



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.01	.03	.05	.07	.15	.50	1	5	10	30
COMMON dB	15	24	29	32	39	43	42	40	40	40
DIFF. dB	-	10	26	34	53	75	75	70	60	55



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TOLERANCE EXCEPT AS NOTED	
DECIMAL: .XXX .XX .X	ANGLES ±1°
INCHES: ± .025	
METRIC: ±	
DIMENSIONS ARE IN INCHES UNLESS SPECIFIED	
MATERIAL:	AS SUPPLIED
FINISH:	

Tyco Electronics
CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

POWER LINE FILTER

TYCO ELECTRONICS PART NO. 0-1609062-3

SCALE: NTS	DATE: 08AUG86	DRG. NO.	REV.
DRW. BY: LJD	ORIG: CFW	3E2P	4

Mouser Electronics

Authorized Distributor

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