

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

OPERATING SPECIFICATIONS

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

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND:
 0.40mA @ 120V, 60Hz
 0.70mA @ 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: 0.516mH NOMINAL
 CAPACITANCE: (MEASURED @ 1kHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.010µF ±20%
 LINE TO LINE: 0.203µF ±20%
 DISCHARGE RESISTOR: 10.0MΩ
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

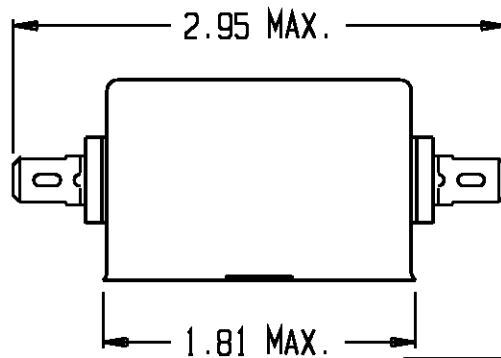
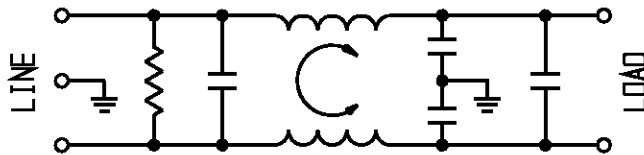
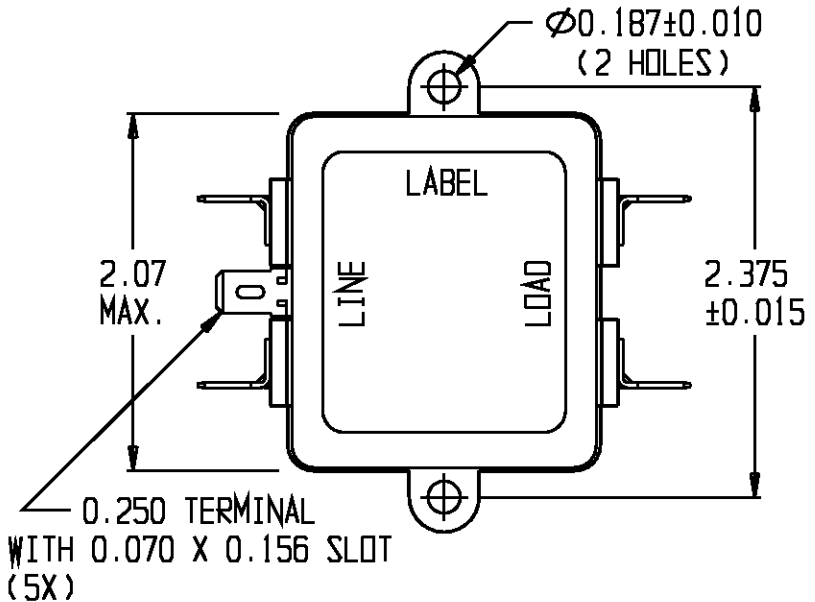
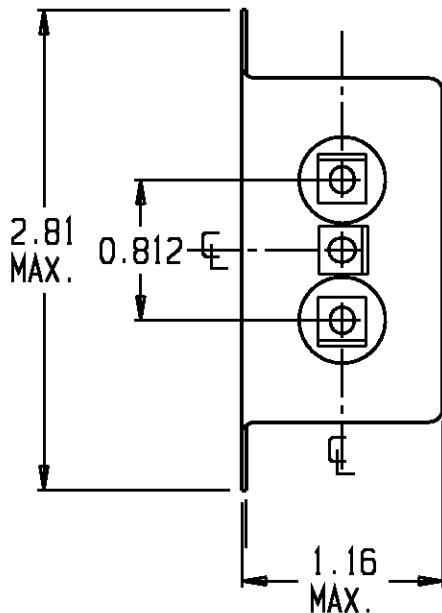
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
 LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG # 5K1

ECO #	APPRVD.	DATE
	KAW	17NOV06
ECO-09-026495	AEG	18DEC 09



⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

⚠ OBSOLETE

6609026-4

4609026-4

TE PN

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.15	0.5	1.0	2.0	5.0	10	20	30				
COMMON dB	12	25	32	37	46	50	52	53				
DIFF. dB	5	5	40	60	63	60	50	50				

THIRD ANGLE PROJECTION

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

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tyco / **Electronics** **corcom**
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CUSTOMER DRAWING 5K1

TYCO: 0-6609026-4
 SCALE: NTS DATE: 12SEP08 CATALOG NO. 5K1 REV. B1
 DRG. BY: JF DRG. CH