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### **HIGH PERFORMANCE IEC INLET SNAP-IN FILTERS**



#### INTRODUCTIONS

- 1. Applications for UL 544 & UL 2601 health care equipment.
- 2. Specially designed with ground choke providing most effective EMI suppression for high frequency noise (ranged 5MHz-25MHz).

  3. Bleeder resistor can be added with suffix "-R" on part numbers.

  4. With optional 0.1uF X capacitor instead of 0.047uF.

- 5. With optional solder lug connection instead of fast on terminal.

#### COMPONENTS

PART NO.	L (mH)	Cx (uF)	Lg (uH)
03KENG3DAM/03KENW3DAM	3.1	0.047	
03KENG3EAM/03KENW3EAM	3.1	0.1	
* 08KENG3DAM/08KENW3DAM	8.0	0.047	100
* 08KENG3EDAM/08KENW3EAM	0.8	0.1	100
**10KENG3DAM/10KENW3DAM	0.4	0.047	
**10KENG3EAM/10KENW3EAM	0.4	0.1	

<sup>\*\*</sup> UL, CSA & VDE approved to 9A 115/250VAC \* VDE approved to 6A 250V

#### MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM								
CURRENT	FREQUENCY-MHz							
RATING	.15	.50	1.0	5.0	10	30		
3A	20	30	30	30	25	10		
8A	10	12	15	15	15	10		
10A	5	10	12	12	12	10		
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM								
3A	0	10	12	25	25	20		
8A	0	10	12	25	25	20		
10A	0	10	12	25	25	20		

#### **MECHANICAL CONSTRUCTION**



G3DAM



W3DAM

#### SPECIFICATIONS

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA @ 250VAC 50Hz: 5uA
- 2. Hipot rating (one minute) line-to-ground: 2250VDĆ line-to-line: 1450VDC
  3. Operating frequency: 50/60Hz
- 4. Rated voltage: 115/250VAC

#### ELECTRICAL SCHEMATIC







