



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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INTRODUCTIONS

1. Specially designed with ground choke providing most effective EMI suppression for high frequency noise (ranged 5MHz-25MHz).
2. Bleeder resistor can be added with suffix "-R" on part numbers.
3. With optional Y capacitor from 100pF to 3300pF.
4. All part numbers are UL recognized, CSA certified and VDE approved.
5. Optional side snap-in mounting clip type with suffix (H) on part numbers. for 03/06/10KENG3SA series.

COMPONENTS

PART NO.	L (mH)	Cx (uF)	Cy (pF)	Lg (uH)
03KENG3EA/03KENW3EA	3.1	0.1	2200	100
*08KENG3EA/08KENW3EA	0.8			
**10KENG3EA/10KENW3EA	0.4			
03KENG3SA/03KENW3SA	3.1			
06KENG3SA/06KENW3SA	0.8			
10KENG3SA/10KENW3SA	0.4			

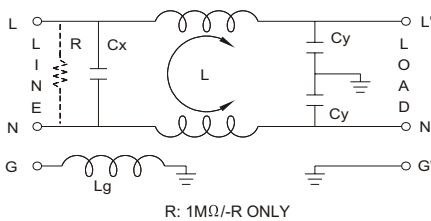
* VDE approved to 6A 250V.

** UL, CSA & VDE approved to 9A 115/250 VAC.

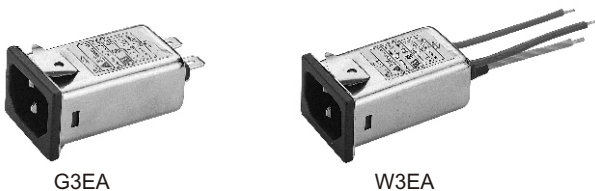
MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
PART NO.	FREQUENCY-MHZ					
	.15	.50	1.0	5.0	10	30
03KENG3EA/03KENW3EA	15	20	25	40	40	45
08KENG3EA/08KENW3EA	10	15	20	35	40	50
10KENG3EA/10KENW3EA	7	12	18	30	30	50
03KENG3SA/03KENW3SA	15	20	25	40	40	40
06KENG3SA/06KENW3SA	7	15	20	35	40	40
10KENG3SA/10KENW3SA	4	12	18	30	30	45
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
03KENG3EA/03KENW3EA	5	12	15	40	50	45
08KENG3EA/08KENW3EA	5	10	15	45	40	50
10KENG3EA/10KENW3EA	4	12	18	30	30	50
03KENG3SA/03KENW3SA	10	20	35	40	45	40
06KENG3SA/06KENW3SA	10	25	40	35	40	40
10KENG3SA/10KENW3SA	10	25	35	30	30	45

ELECTRICAL SCHEMATIC

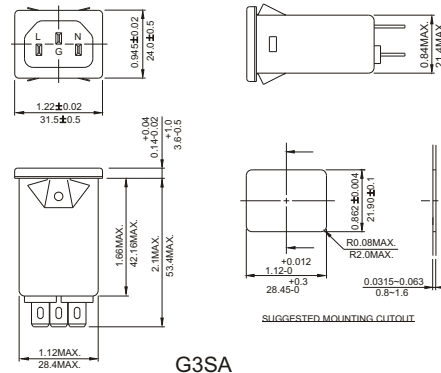


MECHANICAL CONSTRUCTION

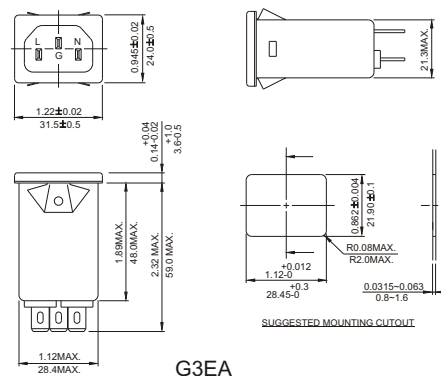
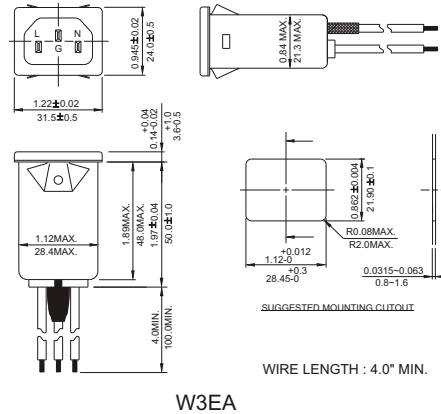


SPECIFICATIONS

1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 0.20mA @ 250VAC 50Hz: 0.40mA
2. Hipot rating (one minute) line-to-ground: 2250VDC line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC



Suggested thickness of mounting panel is from 0.0315 (0.8) to 0.063 (1.6) inch(mm) of mounting cutout



UNIT: INCH/mm