GE SERIES SNAP-IN MOUNTING HIGH PERFORMANCE IEC CONNECTOR FILTERS

INTRODUCTIONS

1. Snap-in mounting type to reduce labor cost. Compact and reliable at low cost.
2. Bleeder resistor can be added with suffix "-R" on part numbers, except G3H,G3V,W3V,G3J,W3J,types.
3. Optional side snap-in mounting clip type with suffix (H) on part numbers.
4. All part numbers are UL recognized, CSA certified and VDE approved.
5. With optional Y-Cap from 100pF to 3300pF.

COMPONENTS

PART NO.	Cx (uF)	L (mH)	Cy (pF)	R (Ω)
01GENG3E/W3E/-R	0.1	6.5	2200	1M
03GENG3E/W3E/-R		2.5		
03GENG3U/-R		2.5		
•03GENW3ES/-R		2.5		
•03GENG3Q/W3Q/-R		4		
06GENG3E/W3E/-R		0.8		
06GENG3U/-R		0.8		
••06GENG3Q/W3Q/-R		1.5		
06GENW3ES/-R		0.8		
10GENG3E/W3E/-R		0.2		
•••10GENG3C/W3C/-R		0.4		
* 10GENG3Q/W3Q/-R		0.3		
10GENG3U/-R		0.3		
10GENW3ES/-R		0.2		
** 15GENG3E/W3E/-R		0.2		
*** 20GENG3E/W3E/-R		0.3		

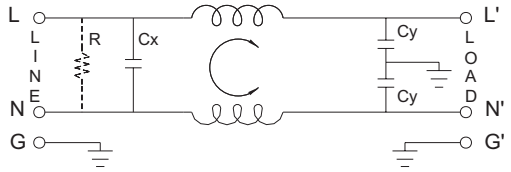
• UL, CSA approved to 4A 115/250V
•• UL, CSA approved to 8A 115/250V
••• VDE approved to 8A/250V

* UL, CSA approved to 13A 115/250V
** VDE approved to 10A/250V
*** VDE approved to 16A/250V

MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
1A	28	35	38	38	40	40
3A	20	25	30	38	40	40
6A	12	18	24	35	40	40
6A (G3Q)	15	20	24	35	40	55
10A	4	10	13	28	35	40
10A (G3C)	10	15	15	25	30	35
10A (G3Q)	10	12	15	30	32	45
15A	4	10	13	28	35	40
20A	8	10	15	25	30	35

ELECTRICAL SCHEMATIC

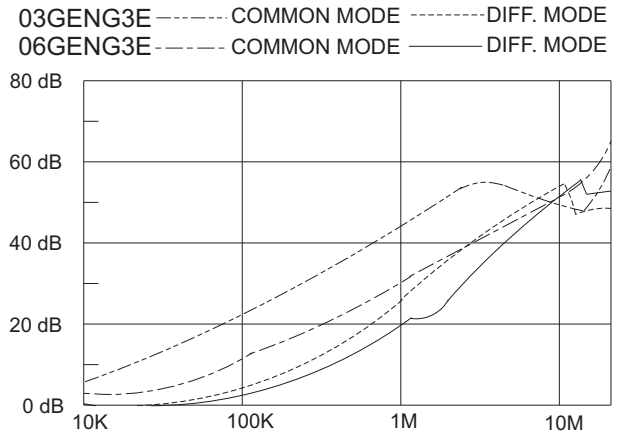


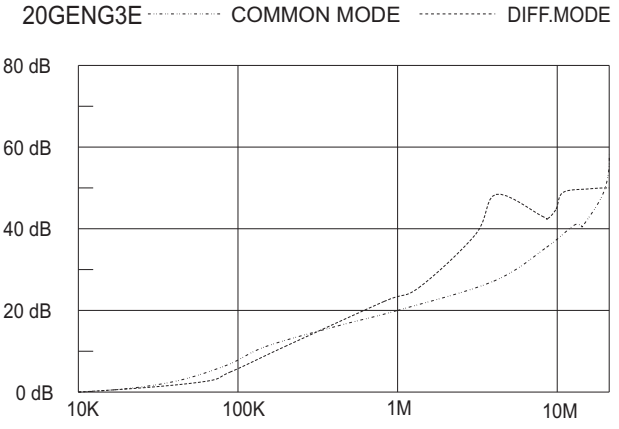
R: 1MΩ/-R ONLY

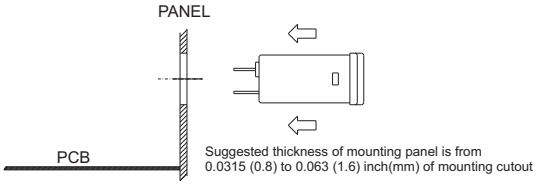
SPECIFICATIONS

1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 0.2mA
   @ 250VAC 50Hz: 0.4mA
2. Hipot rating (one minute)
   line-to-ground: 2250VDC
   line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

INSERTION LOSS (TYPICAL)





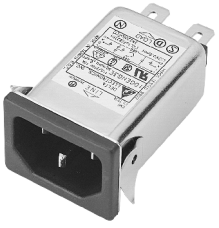


ASSEMBLY FROM FRONT

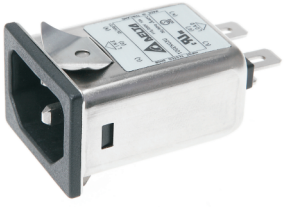
MECHANICAL CONSTRUCTION



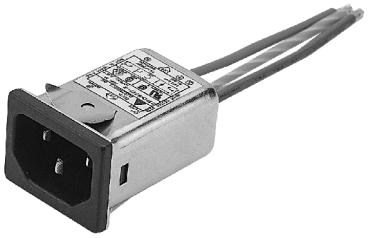
NG3E, NG3C, NG3Q (Optional wire type)



NG3E(H), NG3C(H), NG3Q(H) (Optional wire type)



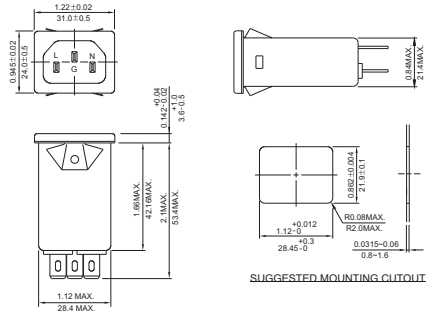
NG3U (With Compact Size)



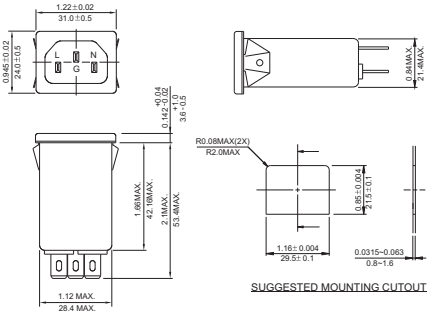
NW3ES



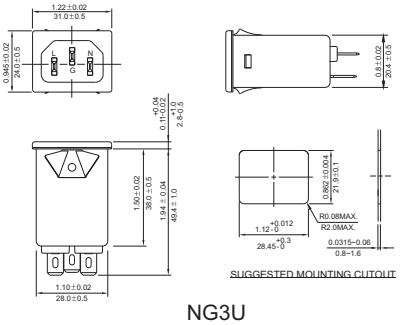
20GENG3E (Optional wire type)



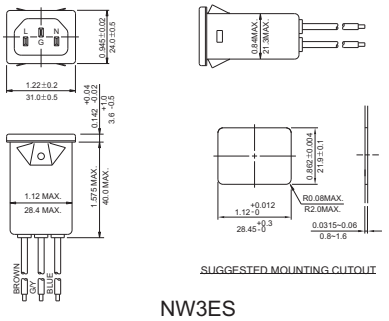
GENG3E



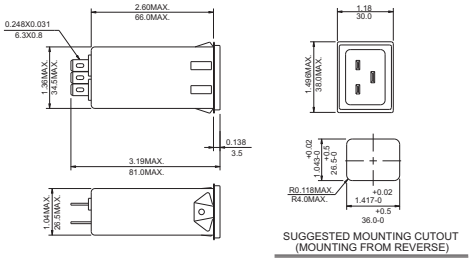
GENG3E(H)



NG3U



NW3ES



WIRE LENGTH : 4.0" MIN.

UNIT: INCH / mm