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ELECTRONICS

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Jameco Part Number 1951553

**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. Agency's approval : All parts are UL recognized, CSA certified, SEV, SEMKO, NEMKO, DEMKO, & SETI approved.
3. Bleeder resistor can be added for "G3E", "W3E", "G3C" "W3C", "G3Q", "W3Q" types with suffix "-R" on part numbers.
4. Optional side snap-in mounting clip type with suffix (H) on part numbers.
5. G3Q & W3Q types: UL, CSA, VDE approved.
6. With optional Y-Cap 3300pF.

COMPONENTS

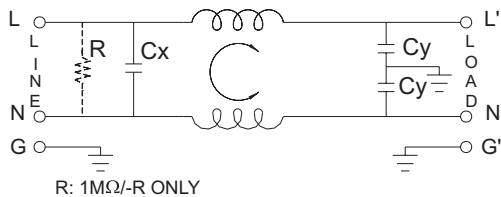
PART NO.	Cx (uF)	L (mH)	Cy (pF)	R (Ohm)
01GENG3E/W3E/-R	0.1	6.5	2200	1M
03GENG3E/W3E/-R		2.5		
• 03GENW3ES/-R		2.5		
• 03GENG3Q/W3Q/-R		4		
06GENG3E/W3E/-R		0.8		
•• 06GENG3Q/W3Q/-R		1.5		
06GENW3ES/-R		0.8		
10GENG3E/W3E/-R		0.2		
••• 10GENG3C/W3C/-R		0.4		
* 10GENG3Q/W3Q/-R		0.3		
10GENW3ES/-R		0.2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

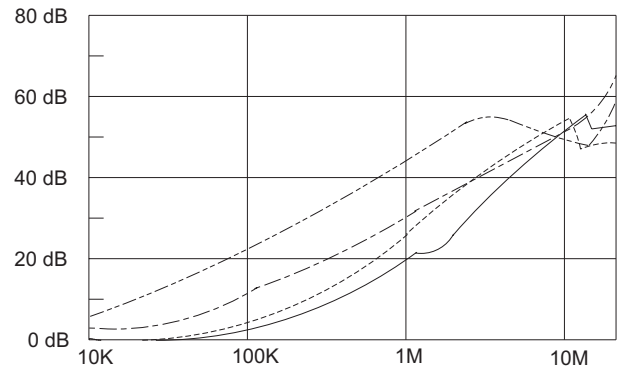
COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
1A	28	35	38	38	40	40
3A	20	25	30	38	40	40
6A	12	18	24	35	40	40
6A (G3Q)	15	20	24	35	40	55
10A	4	10	13	28	35	40
10A (G3C)	10	15	15	25	30	35
10A (G3Q)	10	12	15	30	32	45
15A	4	10	13	28	35	40
20A	8	10	15	25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

ELECTRICAL SCHEMATIC**SPECIFICATIONS**

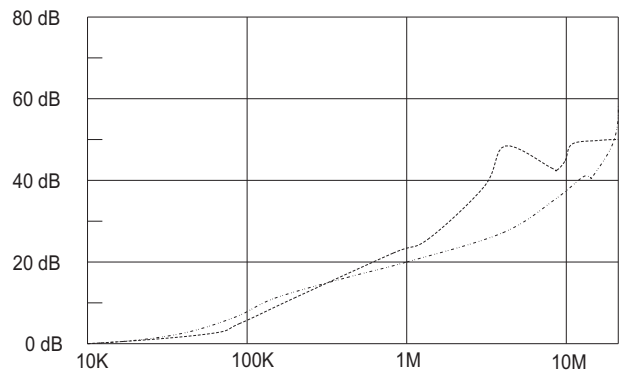
1. Maximum leakage current each
line-to-ground @ 115VAC 60Hz: 0.2mA
@ 250VAC 50Hz: 0.4mA
2. Hipot rating (one minute)
line-to-ground: 2250VDC
line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

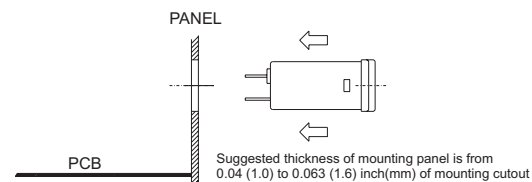
INSERTION LOSS (TYPICAL)

03GENG3E ----- COMMON MODE ----- DIFF. MODE
 06GENG3E ----- COMMON MODE ----- DIFF. MODE



20GENG3E ----- COMMON MODE ----- DIFF. MODE



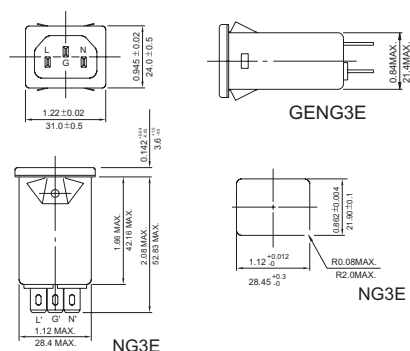


ASSEMBLY FROM FRONT

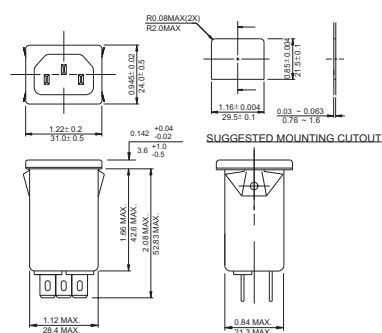
MECHANICAL CONSTRUCTION



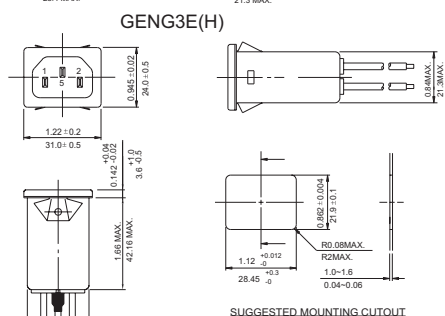
NG3E, NG3C, NG3Q (Optional wire type)



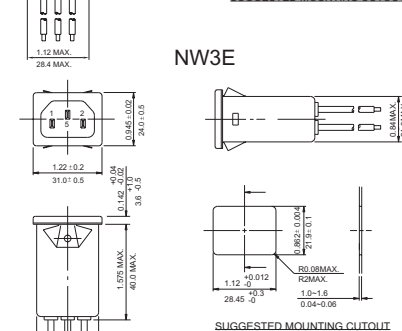
NG3E(H), NG3C(H), NG3Q(H) (Optional wire type)



NW3E



NW3ES



20GENG3E (Optional wire type)

