



GE SERIES

HIGH PERFORMANCE IEC CONNECTOR FILTERS



INTRODUCTIONS

1. A high performance general purpose filter with an IEC connector providing effective EMI suppression.
2. Bleeder resistor can be added with suffix "-R" on part numbers, except "G3H", "G3V", "W3V", "G3J", "W3J", types.
3. All part numbers are UL recognized, CAS certified and VDE approved.
4. With optional Y-Cap from 100pF to 3300pF.
5. Safety under apply for 03/06/10GEEG3U series.

COMPONENTS

PART NO.	Cx (uF)	L (mH)	Cy (pF)	R (Ω)
01GEEG3E/W3E/-R	0.1	6.5	2200	1M
01GEEG3H/G3V/W3V		3	3300	-
01GEEG3S/-R		10.5	-	-
03GEEG3E/W3E/W3ES/G3U/-R		2.5	2200	1M
• 03GEEW3ES/-R			-	-
03GEEG3H/G3V/W3V		4	3300	-
03GEEG3S/-R			-	-
• 03GEEG3Q/W3Q-R		2.4	2200	1M
03GEEW3J		0.8	-	-
03GEEH3J			-	-
06GEEG3E/W3E/W3ES/G3U/-R		1.05	3300	1M
06GEEG3H/G3V/W3V			-	-
06GEEG3S/-R		1.5	-	-
•• 06GEEG3Q/W3Q-R		0.4	-	-
••• 10GEEG3C/W3C/-R		0.2	2200	1M
10GEEG3E/W3E/W3ES/G3U/-R		0.3	-	-
10GEEG3S/-R			-	-
*10GEEG3Q/W3Q-R		0.2	-	-
**15GEEG3E/W3E/-R		0.3	-	-
***20GEEG3E/W3E/-R		-	-	-

• 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

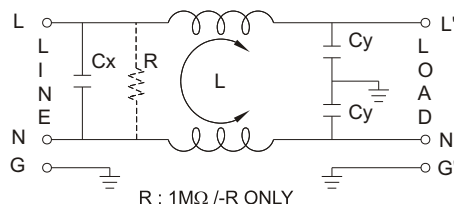
MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
1A(E)(S)	28	35	38	38	40	40
1A(H)	26	36	44	54	55	55
1A(G3V)	24	35	42	50	55	55
1A(W3V)	24	35	42	50	55	55
3A(E)(S)(Q)	20	25	30	38	40	40
3A(H)	24	30	38	50	55	40
3A(G3J,W3J)	20	25	30	38	40	40
3A(G3V)(W3V)	20	29	36	48	46	50
6A(E)(S)	12	18	24	35	40	40
6A(H)	15	25	28	35	45	45
6A(Q)	15	20	24	35	40	55
6A(G3V)(W3V)	14	23	30	42	45	50
10A(E)(S)	4	10	13	28	35	40
10A(C)	10	15	15	25	30	35
10A(Q)	10	12	15	30	32	45
15A(E)	4	10	13	28	35	40
20A	8	10	15	25	30	35

SPECIFICATIONS

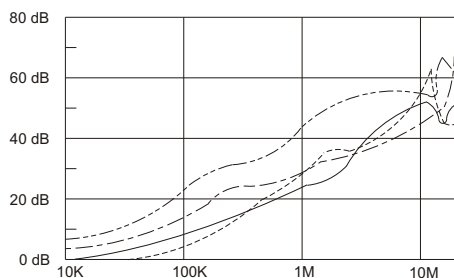
1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 0.25mA @ 250VAC 50Hz: 0.45mA
2. Hipot rating (one minute) line-to-ground: 2250VDC line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

ELECTRICAL SCHEMATIC

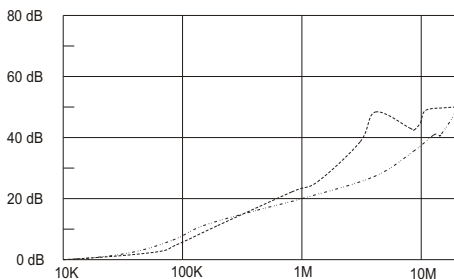


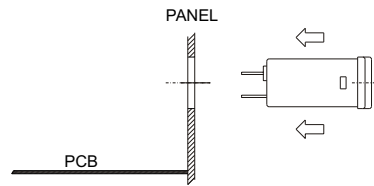
INSERTION LOSS (TYPICAL)

03GEEG3E ----- COMMON MODE ----- DIFF. MODE
 06GEEG3E ----- COMMON MODE ----- DIFF. MODE



20GEEG3E ----- COMMON MODE ----- DIFF. MODE



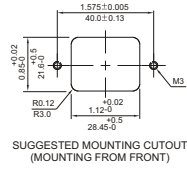
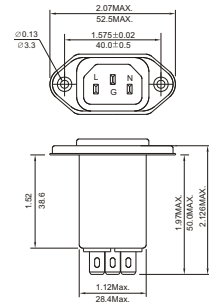


ASSEMBLY FROM FRONT

MECHANICAL CONSTRUCTION



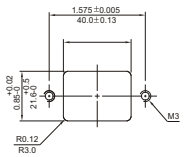
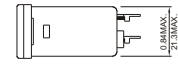
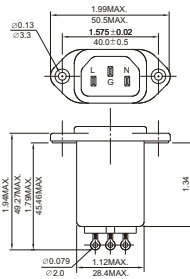
EG3E, EG3Q (Optional soldering lug or wire type)



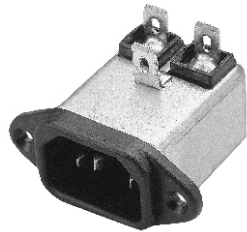
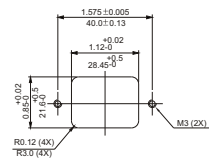
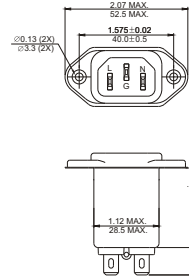
SUGGESTED MOUNTING CUTOUT (MOUNTING FROM FRONT)



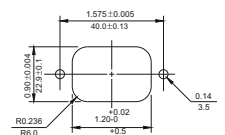
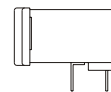
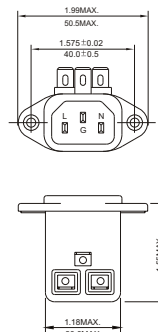
EG3S



EG3U (With Compact Size)



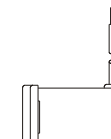
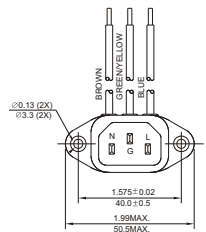
EG3V



SUGGESTED MOUNTING CUTOUT (MOUNTING FROM BEHIND)



EW3V



SUGGESTED MOUNTING CUTOUT (SAME AS ABOVE)

ALL WIRE LEADS 4.0" LONG MIN.

UNIT: INCH
mm

2-6



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Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

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