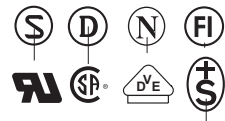


**GE**SERIES**HIGH PERFORMANCE IEC
CONNECTOR FILTERS****INTRODUCTIONS**

1. A high performance general purpose filter with an IEC connector providing effective EMI suppression.
2. Bleeder resistor can be added for "G3E", "W3E", "G3S" & "G3C" types with suffix "-R" on part numbers.
3. Safety Approval: EG3H, EW3V: UL, CSA, VDE & SEV
EG3V & EG3Q: UL, CSA & VDE
HG3J: UL, CSA, VDE & SEMKO
20GE: UL, CSA & VDE
4. With optional Y-Cap 3300pF.

COMPONENTS

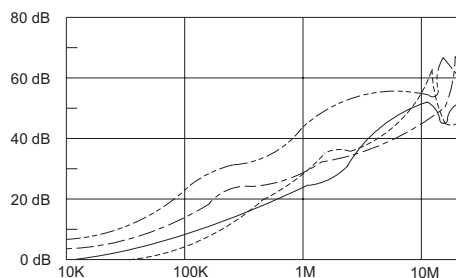
PART NO.	Cx (uF)	L (mH)	Cy (pF)	R (Ω)
01GEEG3E/W3E/-R	0.1	6.5	2200	1M
01GEEG3H/G3V/W3V		3	3300	-
01GEEG3S/-R		10.5		1M
03GEEG3E/W3E/W3ES/-R		2.5	2200	1M
•03GEEW3ES/-R				
03GEEG3H/G3V/W3V		2.5	3300	-
03GEEG3S/-R				
•03GEEG3Q/W3Q/-R		4		1M
03GEEW3J		2.4	2200	-
03GEHG3J				
06GEEG3E/W3E/W3ES/-R		0.8		1M
06GEEG3H/G3V/W3V			3300	-
06GEEG3S/-R		1.05		
••06GEEG3Q/W3Q/-R		1.5		
•••10GEEG3C/W3C/-R		0.4		
10GEEG3E/W3E/W3ES/-R		0.2	2200	1M
10GEEG3S/-R				
*10GEEG3Q/W3Q/-R				
**15GEEG3E/W3E/-R				
***20GEEG3E/W3E/-R		0.3		

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

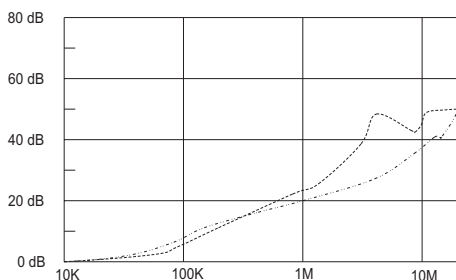
* UL, CSA approved to 13A 115/250V
 ** VDE approved to 10A/250V
 *** VDE approved to 16A/250V

INSERTION LOSS (TYPICAL)

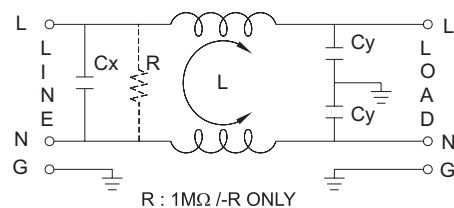
03GEEG3E ----- COMMON MODE ----- DIFF. MODE
 06GEEG3E ----- COMMON MODE ----- DIFF. MODE



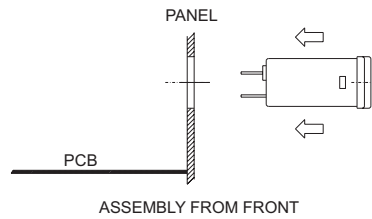
20GEEG3E ----- COMMON MODE ----- DIFF. MODE

**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**MINIMUM INSERTION LOSS IN dB**

CURRENT RATING	COMMON MODE (L-G) IN 50 OHM SYSTEM					
	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)	20	30	35	40	40	40
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	55
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	32	45	50	50
6A(Q)	15	20	20	35	40	55
6A(G3V)(W3V)	14	23	30	42	35	40
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



ASSEMBLY FROM FRONT

MECHANICAL CONSTRUCTION



EG3E, EG3Q (Optional soldering lug or wire type)



EG3S



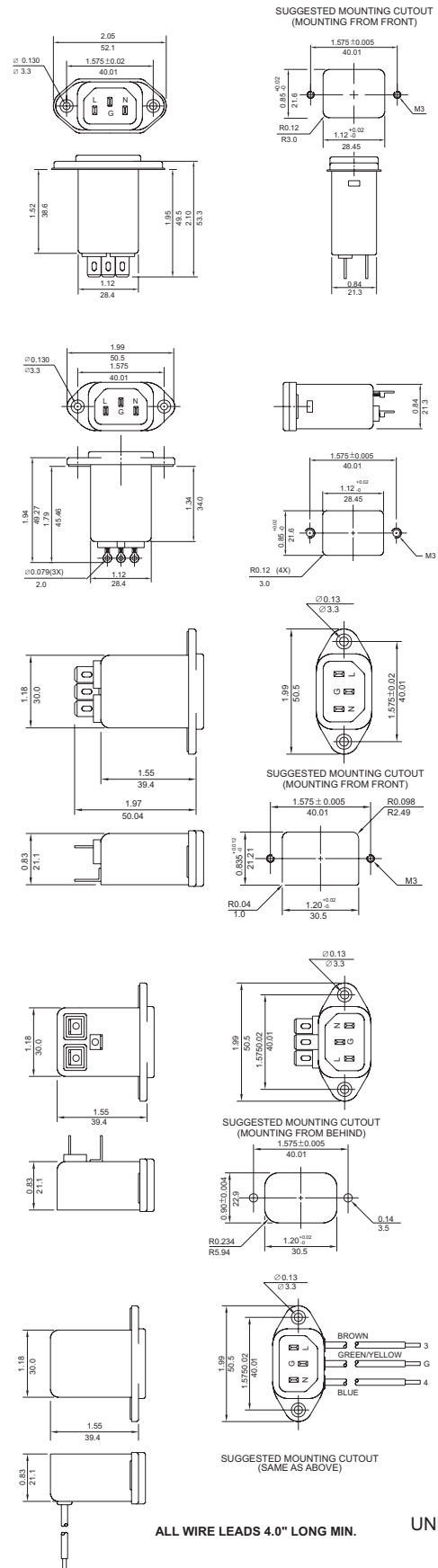
EG3H

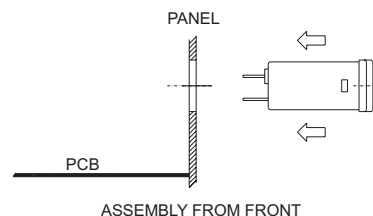


EG3V



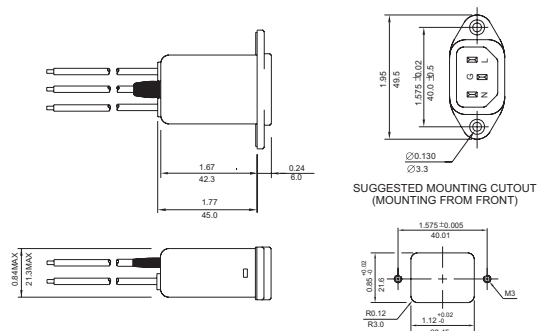
EW3V



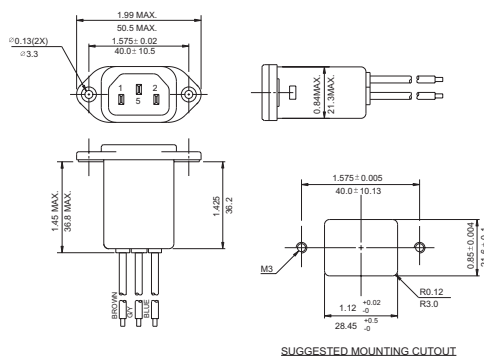


MECHANICAL CONSTRUCTION

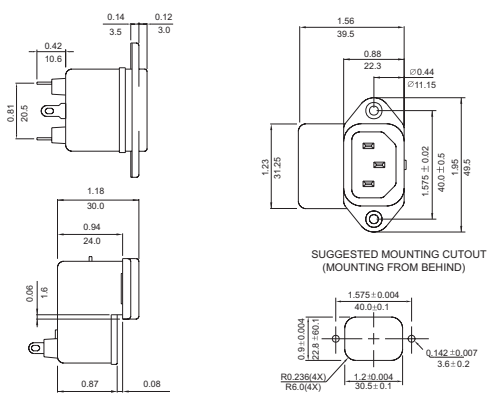
EW3J



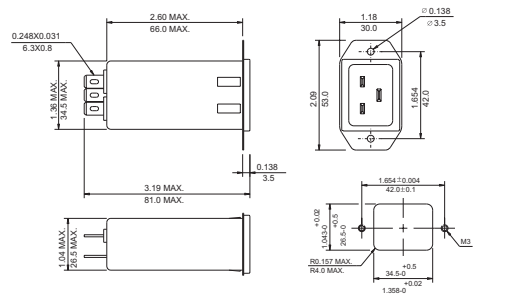
EW3ES



HG3J



20GEEG3E (Optional wire type)



ALL WIRE LEADS 4.0" LONG MIN. SUGGESTED MOUNTING CUTOUT (MOUNTING FROM REVERSE) UNIT: INCH/mm