

**DC SERIES****TWO-STAGE HIGH PERFORMANCE FILTERS****INTRODUCTIONS**

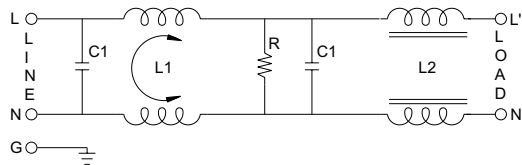
1. Applications for UL 544 & UL 2601 health care equipment.
2. Two-stage filters provide high insertion loss for both line-to-line and line-to-ground emissions throughout the frequency range.

COMPONENTS

PART NO.	C1 (uF)	L1 (mH)	L2 (uH)	R (K)
03DCCG5BM/W5BM	0.47	9.8	160	470
06DCCG5BM/W5BM	1.0	7.8	110	220
12DCCG5BM/W5BM		3.25	50	
16DCGG5BM/W5BM/S5BM		2.8	43	

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	
3A	25	30	30	25	20	8	
6A	25	35	30	20	20	8	
12A	20	25	25	20	20	10	
16A	15	15	18	18	15	10	
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM							
3A	45	60	60	50	45	25	
6A	55	60	60	45	45	20	
12A	40	60	60	45	40	30	
16A	35	55	55	40	35	25	

ELECTRICAL SCHEMATIC**SPECIFICATIONS**

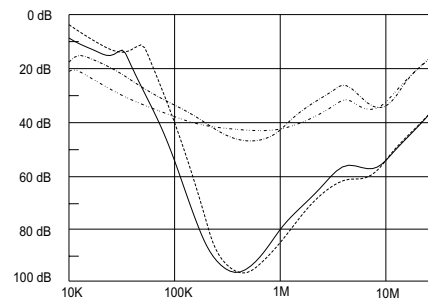
1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA
@ 250VAC 50Hz: 5uA
2. Hipot rating (one minute)
line-to-ground: 2250VDC
line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

SERIES DIMENSIONS

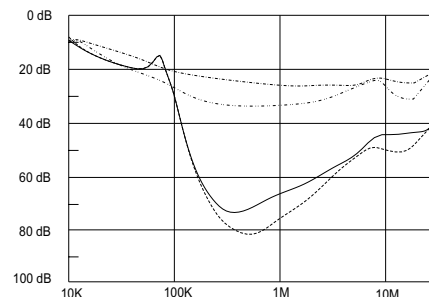
PART NO.	DIMENSIONS IN INCHES/mm						
	A	B	C	D	E	F	G
03DCCG5BM/W5BM	2.95 75.0	3.34 84.8	2.05 52.0	2.58 65.6	1.54 39.2	—	—
06DCCG5BM/W5BM	4.06 103.0	4.49 114.0	2.22 56.5	3.76 95.5	1.83 46.4	—	—
12DCCG5BM/W5BM	5.63 143.0	6.02 152.9	2.05 52.0	5.30 134.7	1.78 45.3	—	—
16DCGG5BM/W5B/S5BM	3.90 99.0	4.31 109.5	4.72 120.0	2.01 51.0	2.62 66.5	3.39 86.0	2.28 58.0

INSERTION LOSS (TYPICAL)

03DCCG5BM COMMON MODE DIFF. MODE
06DCCG5BM COMMON MODE DIFF. MODE



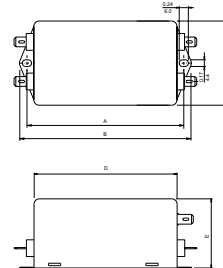
12DCCG5BM COMMON MODE DIFF. MODE
16DCCG5BM COMMON MODE DIFF. MODE



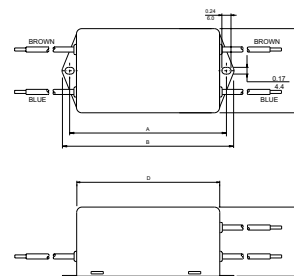
MECHANICAL CONSTRUCTION



CG5BM



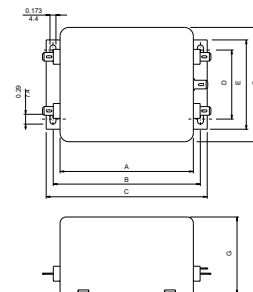
CW5BM



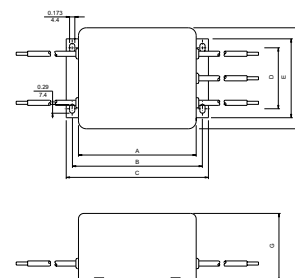
ALL WIRE LEADS 4.0" LONG MIN.



GG5BM



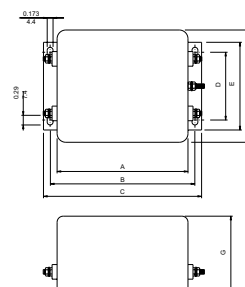
GW5BM



ALL WIRE LEADS 4.0" LONG MIN.



GS5BM



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