

**DP SERIES****TWO-STAGE PERFORMANCE FILTERS****INTRODUCTIONS**

1. Applications for UL 544 & UL 2601 health care equipment.
2. Design as a general purpose filter providing effective EMI suppression.
3. All part numbers are UL recognized, CSA certified and VDE approved.

COMPONENTS

PART NO.	Cx (uF)	L1 (mH)	L2 (mH)	R (Ohm)
03DPCG5BM/W5BM	0.47	9.8	9.8	470K
06DPCG5BM/W5BM	1.0	7.8	7.8	220K
12DPCG5BM/W5BM		3.25	3.25	
16DPGG5BM/W5BM/S5BM		2.8	2.8	
03DPGG5CM/W5CM	0.22	2.5	2.5	1.0M
06DPCG5CM/W5CM	0.22	0.97	0.97	1.0M
12DPCG5CM/W5CM	0.47	0.58	0.58	470K
16DPCG5CM/W5CM/S5CM	0.33	0.65	0.65	1.0M
20DPCG5CM/S5CM/ 30DPGS5CM	1.0	0.60	0.60	220K

SERIES DIMENSIONS

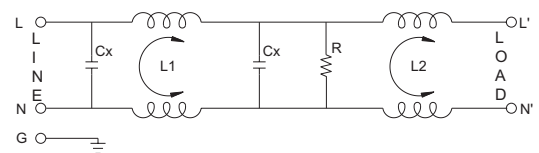
CURRENT RATING	DIMENSIONS IN INCHES/mm							
	STYLE	A	B	C	D	E	F	G
3A	CG5CM, CW5CM	<u>2.40</u> 61.00	<u>2.81</u> 71.5	<u>1.79</u> 45.5	<u>2.02</u> 51.3	<u>1.18</u> 30.0	<u>3.94</u> 100.0	-
6A	CG5CM, CW5CM						<u>3.94</u> 100.0	
12A	CG5CM, CW5CM	<u>3.94</u> 100.0						
16A	CG5CM, CW5CM, CS5CM	<u>2.95</u> 75.00	<u>3.34</u> 84.8	<u>2.04</u> 51.8	<u>2.52</u> 64.0	<u>1.54</u> 39.2	<u>3.94</u> 100.0	
3A	CG5BM/W5BM					<u>2.05</u> 52.0	<u>2.58</u> 65.6	
6A	CG5BM/W5BM			<u>4.06</u> 103.00	<u>4.49</u> 114.0	<u>2.22</u> 56.5	<u>3.76</u> 95.5	
12A	CG5BM/W5BM	<u>5.63</u> 143.0	<u>5.02</u> 152.9	<u>2.05</u> 52.0	<u>5.30</u> 134.7	<u>1.78</u> 45.3		
16A	CG5BM/W5BM/S5BM	<u>3.90</u> 99.0	<u>4.31</u> 109.5	<u>4.72</u> 120.0	<u>2.01</u> 51.0	<u>2.62</u> 66.5	<u>3.39</u> 86.0	<u>2.28</u> 58.0
20A	CG5CM, CS5CM	<u>4.06</u> 103.00	<u>4.49</u> 114.0	<u>2.22</u> 56.5	<u>3.74</u> 95.0	<u>1.83</u> 46.4	-	
30A	GS5CM	<u>3.90</u> 99.0	<u>4.31</u> 109.5	<u>4.72</u> 120.0	<u>2.01</u> 51.0	<u>2.62</u> 66.5	<u>3.39</u> 86.0	<u>2.28</u> 58.0

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

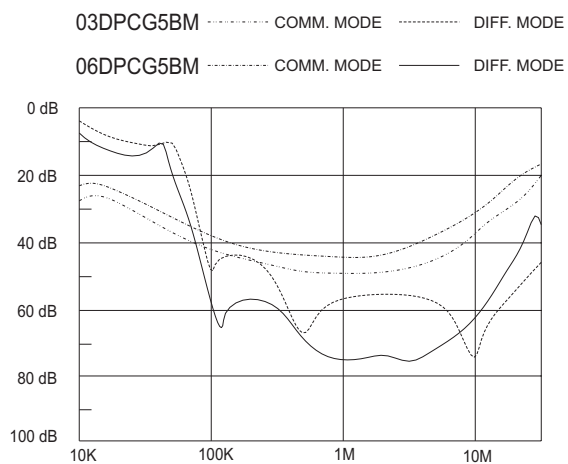
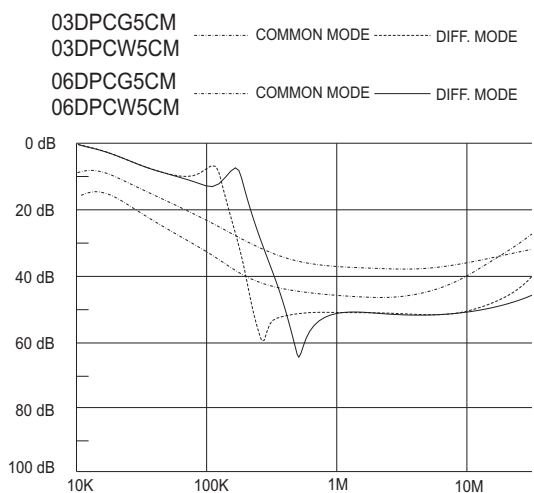
MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
PART NUMBER	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
03DPCG5BM/W5BM	60	70	65	50	45	25
06DPCG5BM/W5BM	50	60	60	60	60	35
12DPCG5BM/W5BM	25	25	25	25	25	15
16DPGG5BM/W5BM/S5BM	20	35	40	50	40	30
03DPCG5CM/W5CM	25	35	35	35	30	20
06DPCG5CM/W5CM	20	25	25	25	25	20
12DPCG5CM/W5CM	10	15	15	15	15	10
16DPCG5CM/W5CM/S5CM	15	15	15	15	15	12
20DPCG5CM/S5CM/ 30DPGS5CM	10	25	15	15	10	8
	10	12	15	15	10	8
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
03DPCG5BM/W5BM	30	45	45	45	45	25
06DPCG5BM/W5BM	45	50	50	55	55	45
12DPCG5BM/W5BM	45	50	50	50	50	30
16DPGG5BM/W5BM/S5BM	7	55	50	50	50	40
03DPCG5CM/W5CM	10	40	40	40	40	30
06DPCG5CM/W5CM	8	45	40	40	40	35
12DPCG5CM/W5CM	12	35	35	30	30	25
16DPCG5CM/W5CM/S5CM	12	40	35	35	35	30
20DPCG5CM/S5CM/ 30DPGS5CM	15	40	40	35	30	20
	18	45	50	40	35	25

ELECTRICAL SCHEMATIC

XXDPXX5C

INSERTION LOSS (TYPICAL)



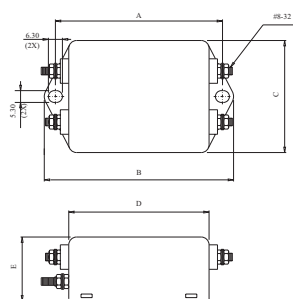
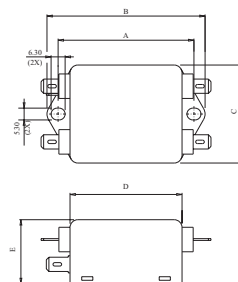
MECHANICAL CONSTRUCTION



CG5BM/CG5CM

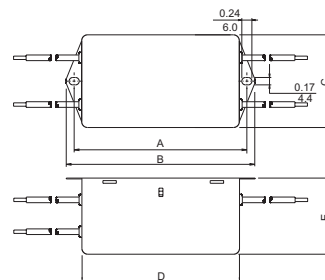


CS5CM



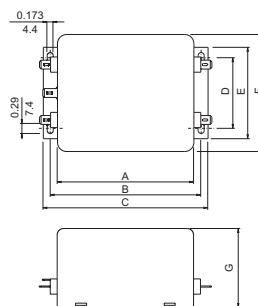
MECHANICAL CONSTRUCTION

CW5CM, CW5BM

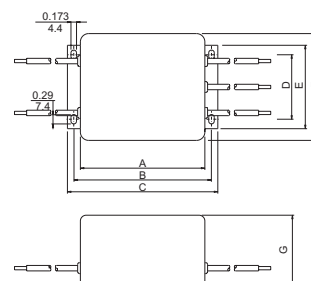


ALL WIRE LEADS 4.0" LONG MIN.

GG5BM



GW5BM



ALL WIRE LEADS 4.0" LONG MIN.

GS5BM/GS5CM

