

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

SPECIFICATIONS

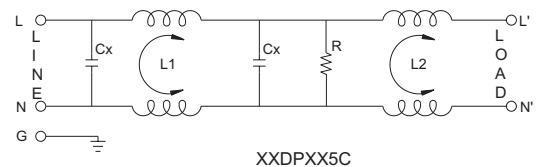
1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA @ 250VAC 50Hz: 5uA
2. Hipot rating (one minute) line-to-ground: 2250VDC line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

MINIMUM INSERTION LOSS IN dB

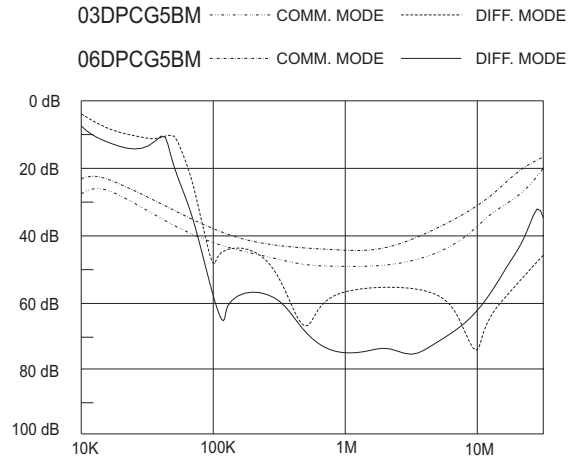
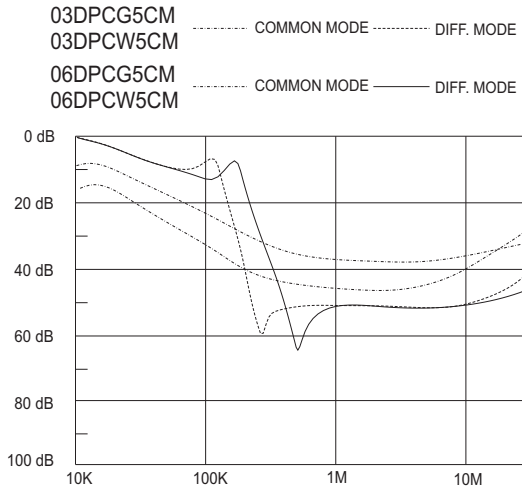
COMMON MODE (L-G) IN 50 OHM SYSTEM						
PART NUMBER	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
03DPCG5BM/W5BM	60	70	65	50	45	25
06DPCG5BM/W5BM	50	60	60	60	60	35
12DPCG5BM/W5BM	25	25	25	25	25	15
16DPGG5BM/W5BM/S5BM	20	35	40	50	40	30
03DPCG5CM/W5CM	25	35	35	35	30	20
06DPCG5CM/W5CM	20	25	25	25	25	20
12DPCG5CM/W5CM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



INSERTION LOSS (TYPICAL)



MECHANICAL CONSTRUCTION



CG5BM/CG5CM



CS5CM

