

**DW** SERIES**MULTI-PURPOSE POWER LINE FILTERS****INTRODUCTION**

Two-stage filters providing excellent suppression at high frequency.

COMPONENTS

PART NO.	C1(uF)	C2(uF)	L1(mH)	L2(mH)	Cy(pF)	R(K Ω)
03DWCG5	0.22	0.22	1.0	30	5500	330K
06DWCG5			1.7	70		
10DWCG5			1.2	40		
20DWCG5		0.47	1.73	30		

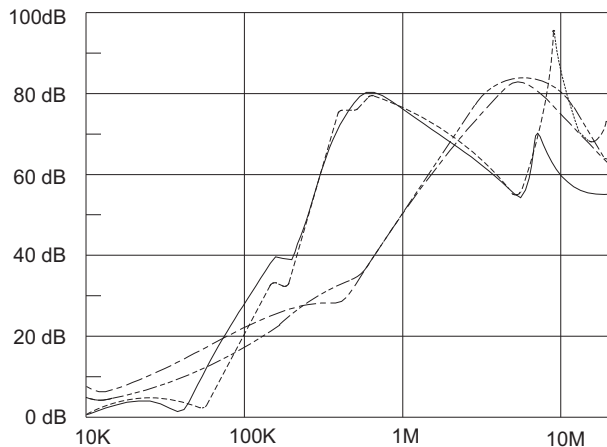
MINIMUM INSERTION LOSS IN dB

COMMONMODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
3A	12	20	30	60	60	45
6A	25	30	45	55	55	45
• 10A	15	20	30	60	55	45
* 20A	20	25	30	55	55	45
DIFFERENTIALMODE (L-L) IN 50 OHM SYSTEM						
3A	25	50	60	45	50	50
6A	25	35	50	50	50	45
• 10A	25	50	50	45	45	45
* 20A	25	55	55	55	50	45

• VDE approved in 8A
• VDE approved in 16A

INSERTION LOSS (TYPICAL)

03DWCG5 ----- COMMON MODE ----- DIFF. MODE
06DWCG5 ----- COMMON MODE ----- DIFF. MODE

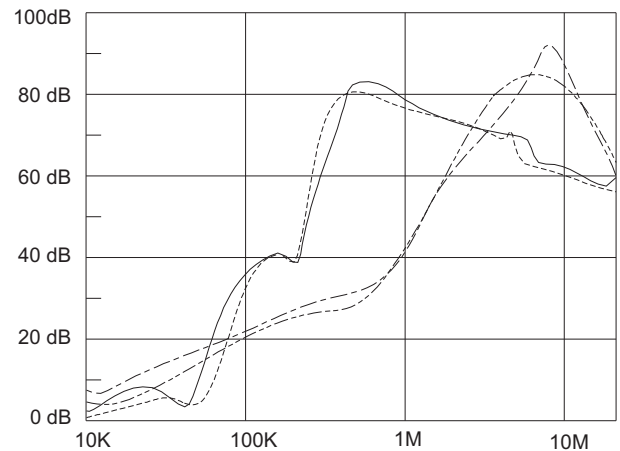
**SPECIFICATIONS**

- Maximum leakage current each
line-to-ground: @ 115VAC 60Hz: 0.50mA
@ 250VAC 50Hz: 1.00mA
- Hipot rating (one minute)
line-to-ground: 2250VDC
line-to-line: 1450VDC
- Operating frequency: 50/60Hz
- Rated voltage: 115/250VAC

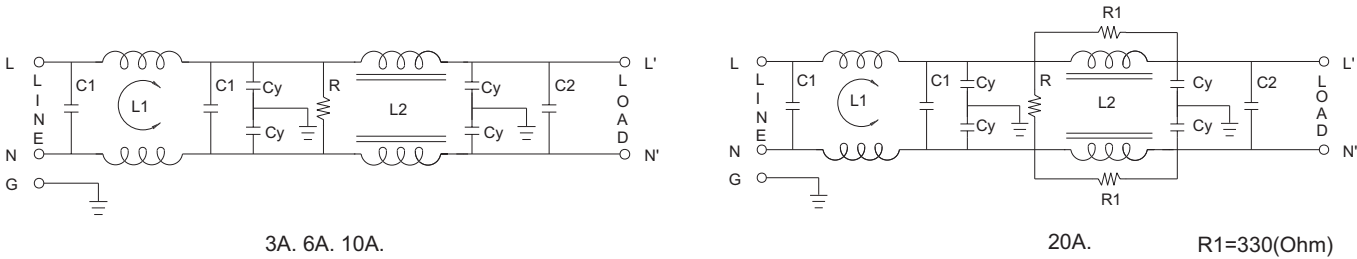
SERIES DIMENSIONS

PART NO.	DIMENSIONS IN INCHES/mm				
	A	B	C	D	E
03DWCG5	3.25 82.5	1.90 48.3	1.15 29.2	2.38 60.5	2.77 70.4
06DWCG5	3.75 95.2	2.06 52.3	1.54 39.1	2.94 74.7	3.34 84.8
10DWCG5					
20DWGG5	5.25 130.5	3.40 86.4		3.75 95.3	4.14 105.1

10DWCG5 ----- COMMON MODE ----- DIFF. MODE
20DWGG5 ----- COMMON MODE ----- DIFF. MODE



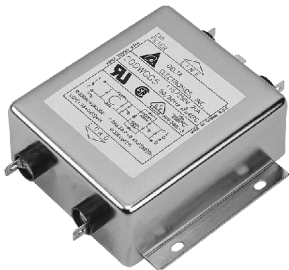
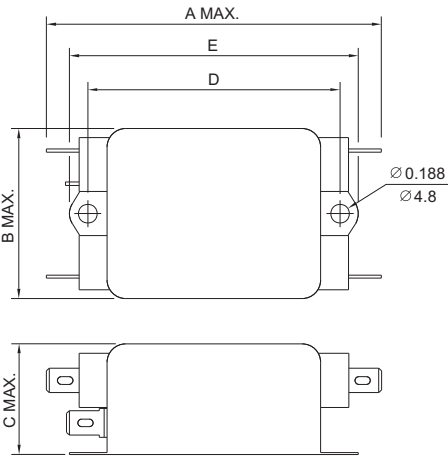
ELECTRICAL SCHEMATIC



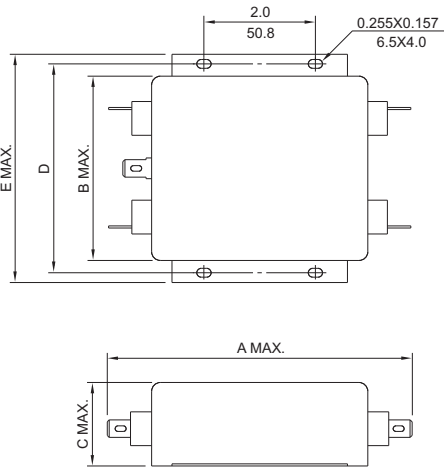
MECHANICAL CONSTRUCTION



CG5



GG5



UNIT: $\frac{\text{INCH}}{\text{mm}}$