

INTRODUCTION

Two-stage filters providing excellent suppression at high frequency.

COMPONENTS

PART NO.	C1 (uF)	C2 (uF)	L1 (mH)	L2 (uH)	Cy (pF)	R (Ω)
03DWCG5	0.22	0.22	1.0	30	3300	330K
06DWCG5			1.7	70		
10DWCG5			1.2	40		
20DWGG5		0.47	1.73	30		

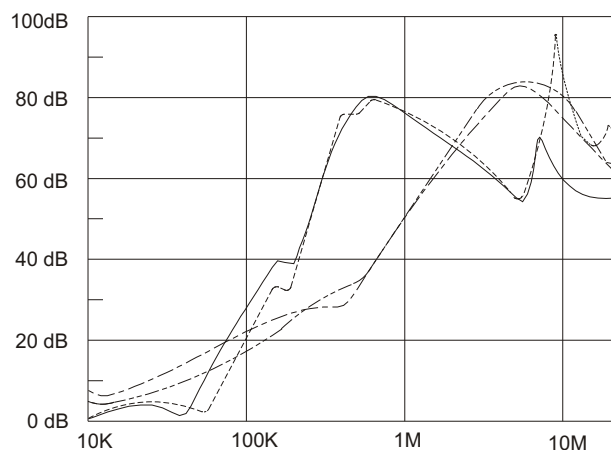
MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT RATING	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
3A	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
DIFFERENTIAL MODE (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



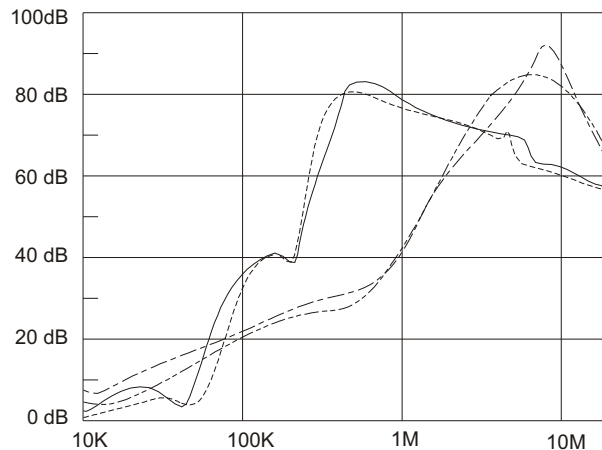
SPECIFICATIONS

1. Maximum leakage current each line-to-ground: @ 115VAC 60Hz: 0.50mA
@ 250VAC 50Hz: 1.00mA
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

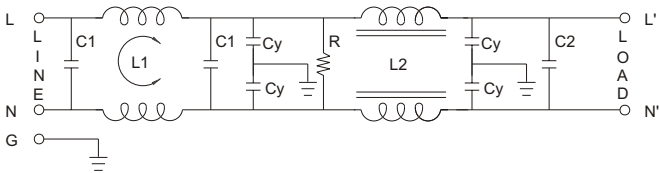
PART NO.	DIMENSIONS IN INCHES/mm				
	A	B	C	D	E
03DWCG5	$\frac{3.25}{82.5}$	$\frac{1.90}{48.3}$	$\frac{1.15}{29.2}$	$\frac{2.38}{60.5}$	$\frac{2.77}{70.4}$
06DWCG5	$\frac{3.75}{95.2}$	$\frac{2.06}{52.3}$	$\frac{1.54}{39.1}$	$\frac{2.94}{74.7}$	$\frac{3.34}{84.8}$
10DWCG5					
20DWGG5	$\frac{5.25}{130.5}$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

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

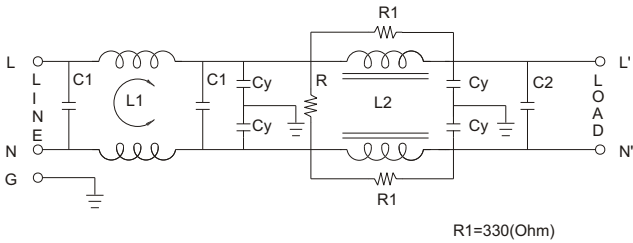


ELECTRICAL SCHEMATIC

3A. 6A. 10A.



20A.

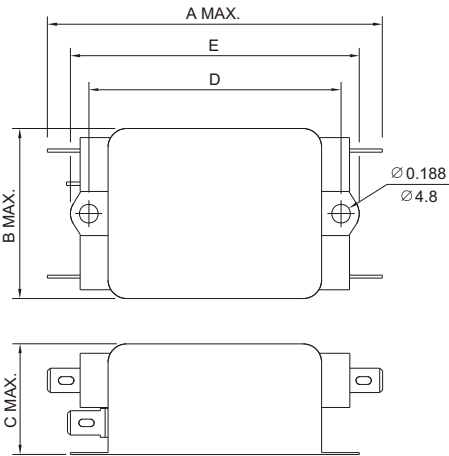


R1=330(Ohm)

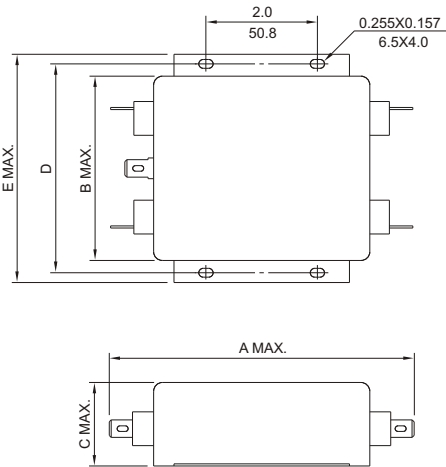
MECHANICAL CONSTRUCTION



CG5



GG5



UNIT: INCH
mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Delta Electronics:](#)

[20DWGG5](#)