

## INTRODUCTION

Two-stage filters providing excellent suppression at high frequency.

## COMPONENTS

| PART NO. | C1(uF) | C2(uF) | L1(mH) | L2( uH) | Cy(pF) | R(K $\Omega$ ) |
|----------|--------|--------|--------|---------|--------|----------------|
| 03DWCG5  | 0.22   | 0.22   | 1.0    | 30      | 5500   | 330K           |
| 06DWCG5  |        |        | 1.7    | 70      |        |                |
| 10DWCG5  |        |        | 1.2    | 40      |        |                |
| 20DWGG5  |        | 0.47   | 1.73   | 30      |        |                |

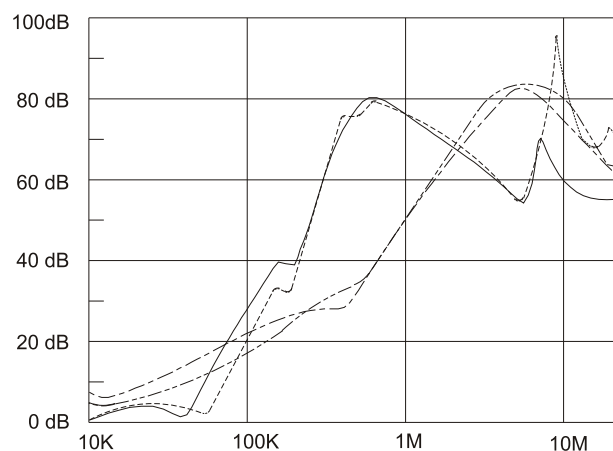
## MINIMUM INSERTION LOSS IN dB

| 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



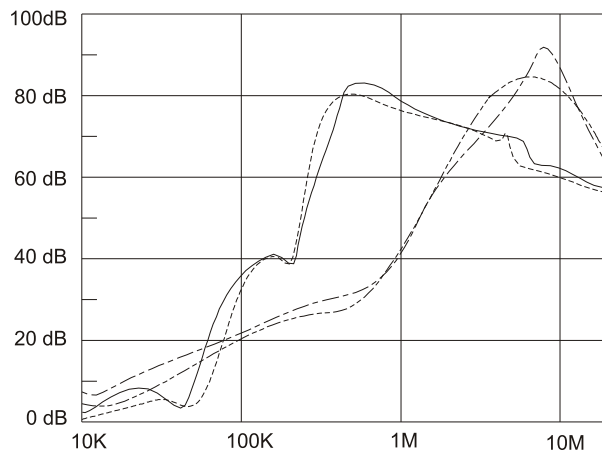
## SPECIFICATIONS

- 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

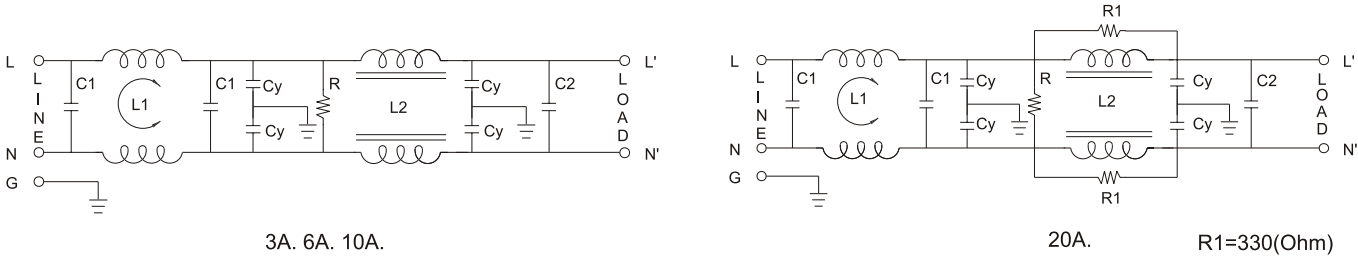
## SERIES DIMENSIONS

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

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



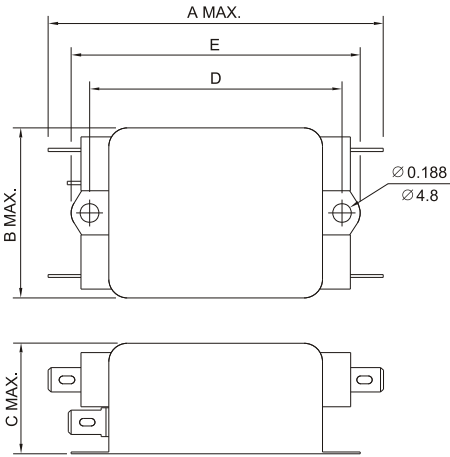
ELECTRICAL SCHEMATIC



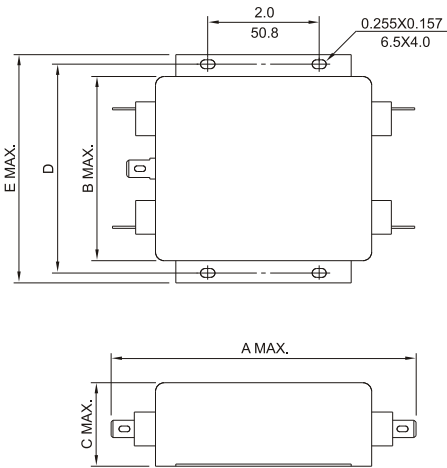
MECHANICAL CONSTRUCTION



CG5



GG5



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