



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

DR SERIES HIGH PERFORMANCE FILTERS



INTRODUCTIONS

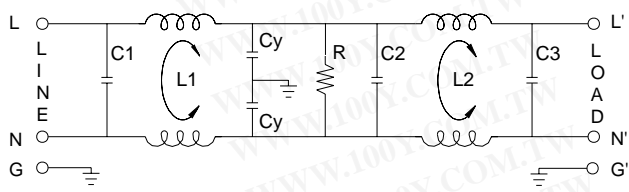
- Two-stage filters provide high performance in suppressing both line-to-line and line-to-ground noise.
- All part numbers are UL recognized, CSA certified and VDE approved.

COMPONENTS

PART NO.	C1,C2,C3(uF)	L1,L2(mH)	
02DRCG5	0.1	2.4	
02DRCW5			
03DRCG5			
03DRCW5	1.7		
03DRDG3S			
03DRDW3S			
05DRCG5	2.8		
05DRCW5			
05DRDG3			
05DRDW3S	0.22	1.6	
10DRCG5			
10DRCW5			
10DRDG3	1.0		
*15DRCG5		0.1	0.9
•20DRGG5			
•20DRGS5			
	0.22	1.0	

R: 2.2MΩ, Cy: 3300pF
 * No safety approval yet, R: 1.0MΩ
 • VDE approved to 16A/250VAC, C2: 0.33 uF

ELECTRICAL SCHEMATIC



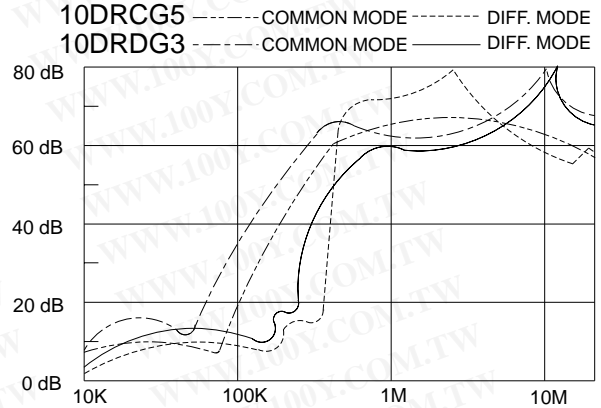
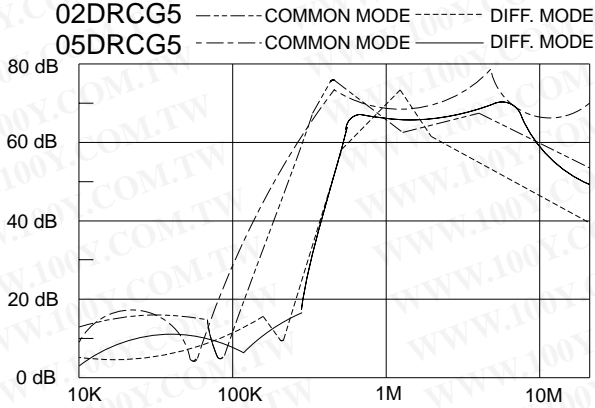
SPECIFICATIONS

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: 0.25mA @ 250VAC 50Hz: 0.45mA
- 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	
02DRCG5	3.25	1.82 46.2		2.38 60.5	2.75	
	82.5				69.9	
02DRCW5	2.08	52.8			2.77	
	52.8				70.4	
03DRCG5	3.75	2.02				
	95.2	51.3				
03DRCW5	2.58	2.04	1.15	2.94	3.34	
	65.5	51.8	29.2	74.7	84.8	
03DRDG3S	3.14	2.02				
	79.8					1.575
03DRDW3S	2.55	51.3				
	64.8					40.01
05DRCG5	3.75					
	95.2					2.94
05DRCW5	2.58	2.04				
	65.5	51.8				74.7
05DRDG3	4.33	2.20	1.25		0.63	
	110.0	55.9	31.8		16.0	
05DRDG3S	3.14	2.02				
	79.8					1.27
05DRDW3S	2.55	51.3				
	64.8					32.3
10DRCG5	3.75					
	95.2					1.52
10DRCW5	2.50					
	63.5					38.6
10DRDG3	4.35	2.22			1.575	0.63
	110.5	56.4			40.01	16.0
15DRCG5	3.75	2.08	1.79	2.94	3.36	
	95.2	52.8	45.5	74.7	85.3	
20DRGG5	5.14					
	130.5					3.33
20DRGS5	5.25					
	130.5					84.6
			38.6			

INSERTION LOSS (TYPICAL)



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
2	40	60	65	55	50	40
3, 5A	40	60	65	55	50	40
3, 5A(S)	38	60	65	55	45	40
10A	30	60	65	50	45	40
15A	23	45	50	45	40	30
20A	20	35	40	50	55	40
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
2	5	50	65	60	54	46
3, 5A	5	50	65	60	54	46
3, 5A(S)	10	65	70	70	60	50
10A	7	53	60	55	45	40
15A	8	30	40	45	40	40
20A	7	55	70	50	60	40

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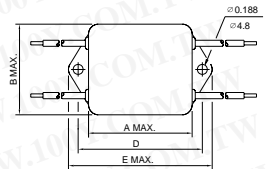
MECHANICAL CONSTRUCTION



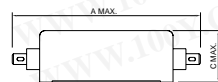
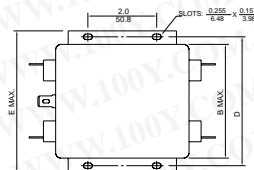
CW5



GG5



ALL WIRE LEADS 4.0" LONG MIN.



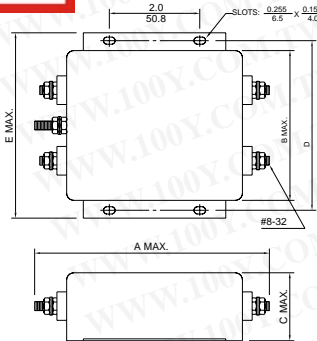
UNIT: INCH
mm

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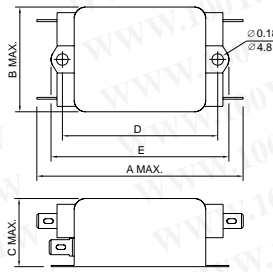
MECHANICAL CONSTRUCTION



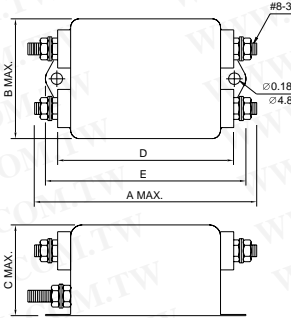
GS5



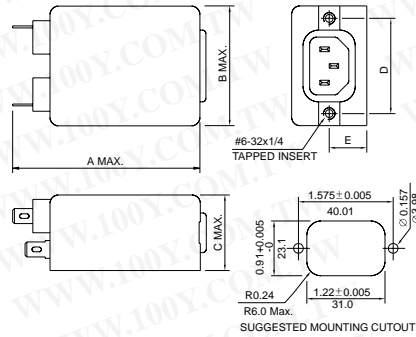
CG5



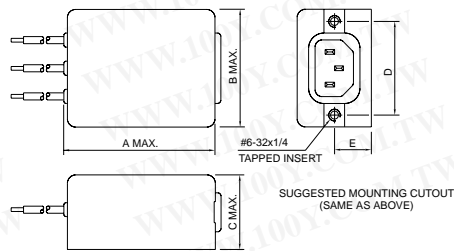
CS5



DG3S



DW3S



ALL WIRE LEADS 4.0" LONG MIN.

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