濾波器綜合型錄

CANNY WELL

RoHS COMPLIANT

企業簡介 INTRODUCTION

CANNYWELL 蘇州電子廠前身是台灣 EMI/EMC 電源濾波器五大廠商之一，本公司已累積二十幾年專業製造高頻、低頻、主動、被動、及電源濾波器之經驗，先進的測試設備和嚴格的品質管制，從小電流到大電流的濾波器皆是我們的專長。

歷年來本公司主要品種已先後通過 UL、cUL、CE、CQC 等多國安規認證，產品符合歐盟 ROHS 的 SGS 環保標準，本公司所有產品均為台灣的品質。

從 0.5A~600A 單相、三相、交流電源、直流電源濾波器皆為我們提供的範圍，產品適用於各類電源供應器、遊戲機台、顯示器、印表機、金融事務機器、變頻器、伺服馬達、電子儀器、醫療設備、健身器材等自動化設備。本公司可根據客戶要求提供專業並歡迎顧客特殊要求設計製造各種特規濾波器，以幫助您的設備有效地抑制由電源線傳輸的電磁干擾，滿足電磁相容 (EMC) 規範要求。

本公司產品已大量銷往歐、美地區及巴西等地，在國際間享有極高的聲譽，由於業務及產量不斷擴充需求下，於 2005 年至中國尋找合作夥伴，不斷試產累積經驗至今，時機成熟下 2011 年直接在台灣成立了總公司，在各界夥伴的栽培及蘇州電子廠的努力下，本公司已是一間身經百戰經驗豐富專業濾波器製造廠商，不但提供台灣內需市場的濾波器訂單，也提供台資廠及陸資廠企業的需求服務，在 CANNYWELL 蘇州電子廠的努力下，年產量已達 100 萬台以上，本公司著以客為尊的信念為顧客服務，期盼著舊雨新知以及各界朋友前來與我們聯繫合作，謝謝！

CANNY WELL

CERTIFICATE OF CONFORMITY
CERTIFICATE
of Conformity
RoHS
CE
CQC 标志认证
试验报告
PRODUCT CERTIFICATE
CHINA QUALITY CERTIFICATION CENTRE

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CANNY WELL 濾波器系列產品

CW4D-20A-S

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CW2A-10A-T

CW1C-03A-T

CW1D-06A-T

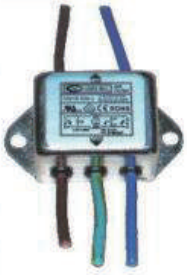
CW3L2-10A-T

CW3-10A-S

CW1B-15A-T

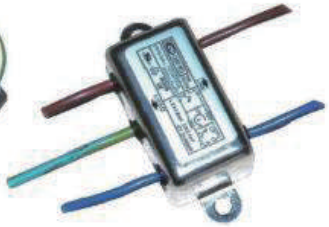
CW15E-06A-T

CW1B-10A-T


CW1B-03A-L

CW1B-10A-L

CW1B-06A-L


CW1B-03A-L

CW1B-10A-L

CW1D-O6A-T

CW15E-10A-T

NUMBERING SYSTEMS

CW1A-___-_(__)

2A
5
5E

ITEM NO
1A:Down Terminal
1B:90° Terminal
1C:Snap-In (Up&Down)
1D: 180°Terminal
1P:PCB Mount
2A: Socket+Fuse
2B: Socket+Fuse+SW180°
2C: Socket+Fuse+SW90°
2D: Socket+Fuse+Snap-In
5: NO Socket 41*29*23.5H
5E: NO Socket 44*25*17.5H

Rating current
0.1A:1A 03A:3A
0.6A:6A 10A:10A

Terminal
T:Fasten Terminal(T250) Type 6.3mm
ST:Fasten Terminal(T187) Type 4.8mm
RT:Solder Terminal(RT157) Type
L:Wire Terminal(L) Type

0 Nor Mal
1 Special Spec
2 Double Fuse
3 Horizontal Snap in

0 CX0.1μF CY:3300PF
1 CX0.1μF CY:3300PF R:1MΩ
2 CX0.1μF CY:3300PF R:1MΩ Lg: 100μH
3 CX0.1μF CY:2200PF R:1MΩ
4 CX0.1μF CY:2200PF R:1MΩ Lg: 100μH
5 CX0.1μF CY:2200PF
6 CX: 0.047μF CY:2200PF R:1MΩ
7 CX: 0.22μF CY:2200PF R:1MΩ
8 CX: 2x0.1μF CY:2200PF R:1MΩ
9 CX: 2x0.22μF CY:2200PF R:1MΩ
10 CX: 0.22μF CY:330PF R:1MΩ
12 CX: 0.1μF CY:330PF R:1MΩ

CW3-___-_(__)

Rating current
01A:1A 10A:10A
03A:3A 15A:15A
06A:6A 20A:20A

ITEM NO
3:NO Socket

Terminal
T:Fasten Terminal(T250) Type 6.3mm
S:Screw Terminal(S) Type
L:Wire Terminal(L) Type

0 Nor Mal
1 Special Spec

0 CX: 1x0.1μF CY:3300PF R:1MΩ
1 CX: 2x0.1μF CY:3300PF R:1MΩ
2 CX: 1x0.22μF CY:3300PF R:1MΩ
3 CX: 2x0.22μF CY:3300PF R:1MΩ

CW4 -___-_(__)

CW4E

Rating current
01A:1A 10A:10A
03A:3A 15A:15A
06A:6A 20A:20A

ITEM NO
4E:NO Socket

T:Fasten Terminal(T250) Type 6.3mm
S:Screw Terminal(S) Type

0 Metal Case H:29mm
1 Special Spec
2 Metal Case H:24mm

0 CX: 1x0.1μF CY:3300PF R:1MΩ
1 CX: 2x0.1μF CY:3300PF R:1MΩ
2 CX: 1x0.22μF CY:3300PF R:1MΩ
3 CX: 2x0.22μF CY:3300PF R:1MΩ
12 CX1:2.2μF CX2:1μF L:2mH
CY:2x20μF R:1MΩ

CW3L2

CW4L2
CW4EL2

Rating current
01A:1A 10A:10A
03A:3A 15A:15A
06A:6A 20A:20A

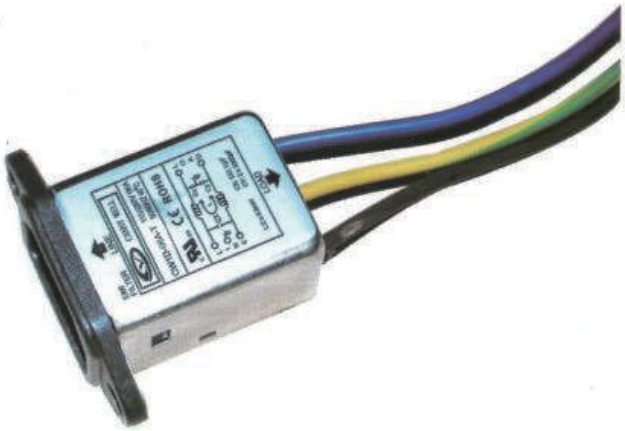
ITEM NO
312:Two Stages
412:Two Stages
4E12:Two Stages

T:Fasten Terminal(T250) Type 6.3mm
S:Screw Terminal(S) Type

0 Metal Case H:29mm
1 Special Spec
2 Metal Case H:24mm

0 CX: 2x0.1μF CY1:2x1500μF
R:1MΩ CY2:2x1000μF
1 CX: 3x0.1μF CY:3300PF R:1MΩ
2 CX: 3x0.22μF CY:2x3300PF R:1MΩ

CW1A



SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

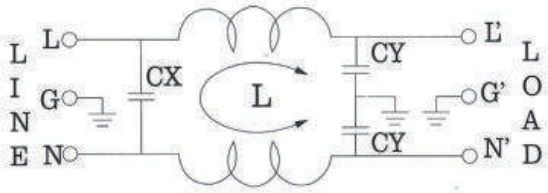
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW1A-□□A-RT(00)	0.1	3300	1.0		1
CW1A-□□A-RT(01)					2
CW1A-□□A-RT(02)				100	3
CW1A-□□A-RT(03)		2200			2
CW1A-□□A-RT(04)				100	3
CW1A-□□A-RT(05)					1
CW1A-□□A-RT(06)	0.047		1.0		2

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157 L: Wire

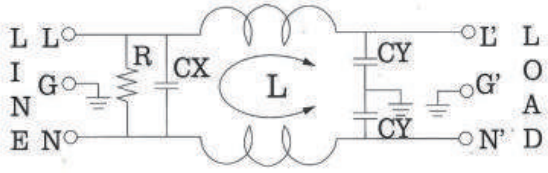
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	32	36	42	36	29	13	7	26	38	68	62	15
3A	28	36	39	45	48	39	9	20	27	58	65	16
6A	19	29	36	49	53	39	9	18	38	57	60	32
10A	14	40	45	55	60	42	9	32	64	58	59	30

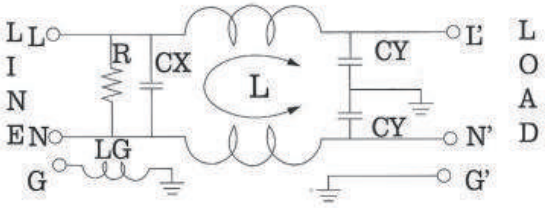
SCHEMATIC



ELECTRICAL SCHEMATIC 1

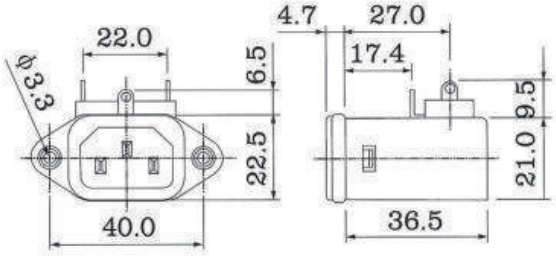


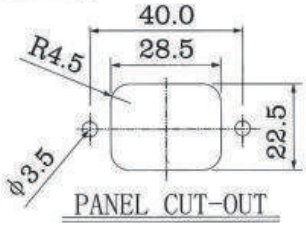
ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 3

DIMENSIONS(mm)





PANEL CUT-OUT

CW1D

SPECIFICATION

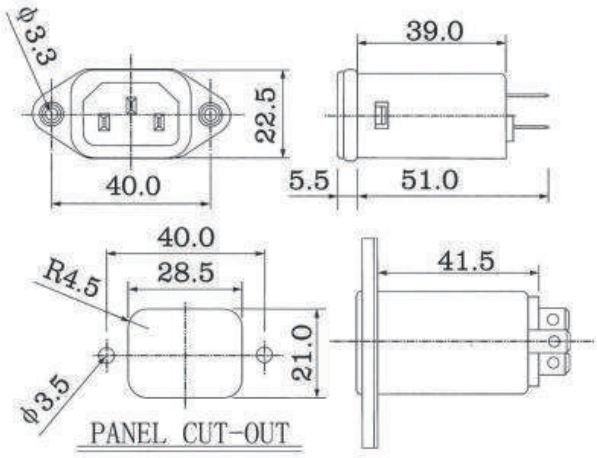
1.Max.Leakage current(each)
  Line to Ground:115V AC 60Hz 0.25mA
  Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
  Line to Ground:2250 V DC
  Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW1D-□□A-T(00)	0.1	3300			1
CW1D-□□A-T(01)			1.0		2
CW1D-□□A-T(02)				100	3
CW1D-□□A-T(03)		2200			2
CW1D-□□A-T(04)				100	3
CW1D-□□A-T(05)					1
CW1D-□□A-T(06)	0.047		1.0		2

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

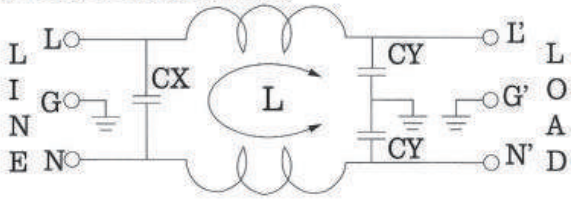
DIMENSIONS(mm)



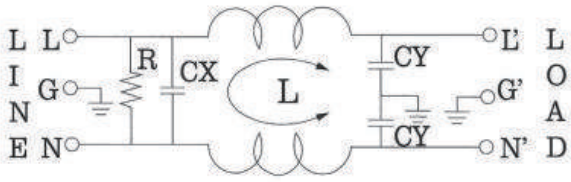
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	9	25	37	51	62	23
3A	28	36	39	45	48	39	9	19	27	58	65	26
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	7	42	64	58	49	30

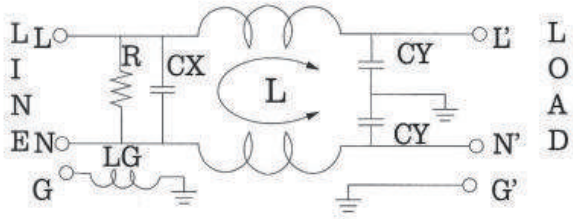
SCHEMATIC



ELECTRICAL SCHEMATIC 1



ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 3

(01)

SPECIFICATION

1.Max.Leakage current(each)
  Line to Ground:115V AC 60Hz 0.25mA
  Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
  Line to Ground:2250 V DC
  Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

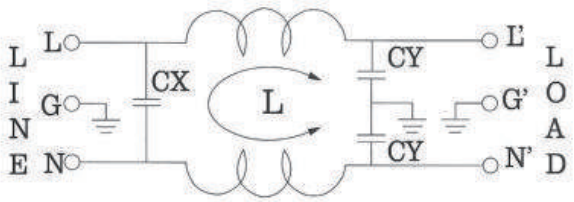
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW1B-□□A-T(00)	0.1	3300			1
CW1B-□□A-T(01)			1.0		2
CW1B-□□A-T(02)				100	3
CW1B-□□A-T(03)		2200			2
CW1B-□□A-T(04)				100	3
CW1B-□□A-T(05)					1
CW1B-□□A-T(06)	0.047		1.0		2

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157 L: wire

COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	22	38	40	32	28	11	9	25	37	71	62	13
3A	28	36	39	45	48	39	9	19	27	58	65	16
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	17	42	64	58	49	30

SCHEMATIC



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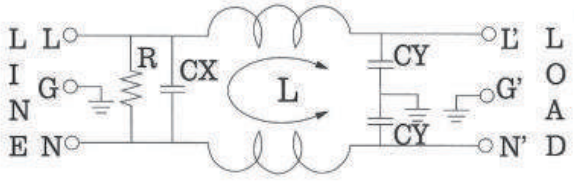
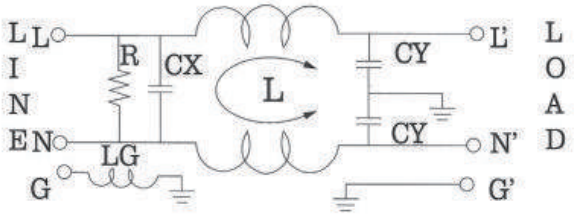
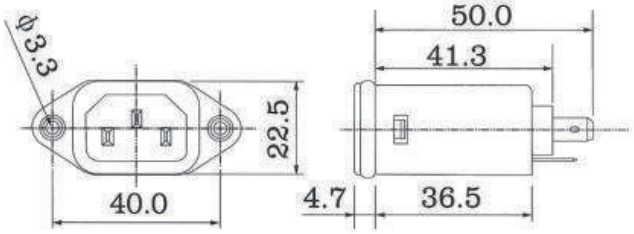


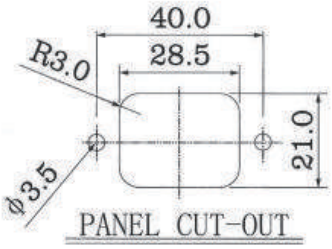
ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 3

DIMENSIONS(mm)





PANEL CUT-OUT

CW1C

SPECIFICATION

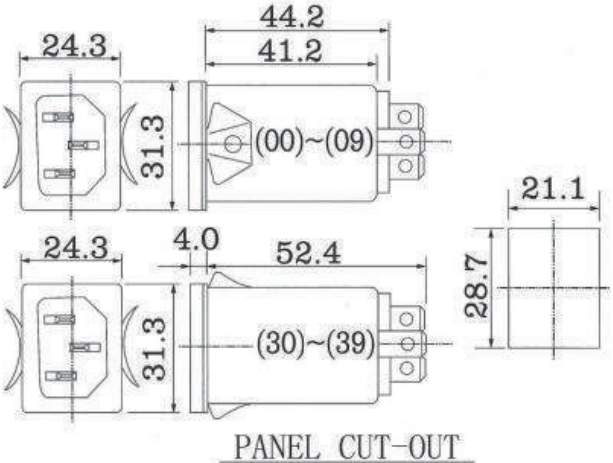
1.Max.Leakage current(each)
  Line to Ground:115V AC 60Hz 0.25mA
  Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
  Line to Ground:2250 V DC
  Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW1C-□□A-T(00)	0.1	3300	1.0		1
CW1C-□□A-T(01)					2
CW1C-□□A-T(02)				100	3
CW1C-□□A-T(03)		2200			2
CW1C-□□A-T(04)				100	3
CW1C-□□A-T(05)					1
CW1C-□□A-RT(06)	0.047		1.0		2

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

DIMENSIONS(mm)

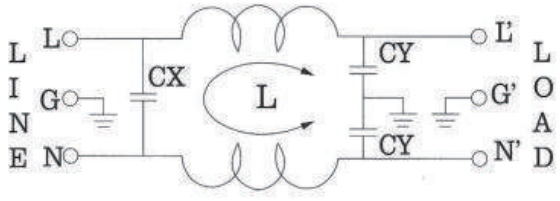


PANEL CUT-OUT

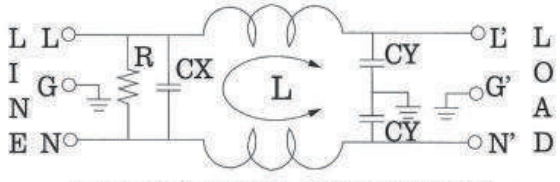
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	29	33	48	63	42	25	8	23	35	72	56	15
3A	28	33	48	63	48	42	9	23	35	72	58	16
6A	19	29	36	56	55	29	8	18	25	57	60	32
10A	14	18	35	42	49	42	17	42	64	58	49	30

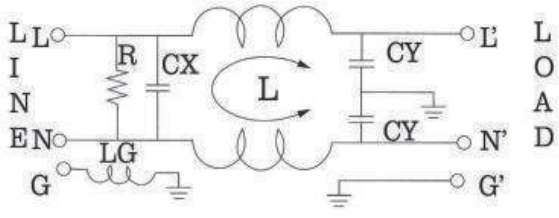
SCHEMATIC



ELECTRICAL SCHEMATIC 1



ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 3

CW2A

SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

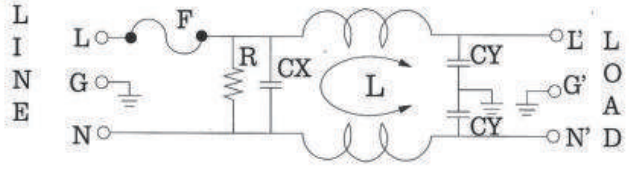
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW2A-□□A-T(00)	0.1	3300	1.0		11
CW2A-□□A-T(01)					5
CW2A-□□A-T(02)				100	6
CW2A-□□A-T(03)		2200			5
CW2A-□□A-T(04)				100	6
CW2A-□□A-T(05)					11

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

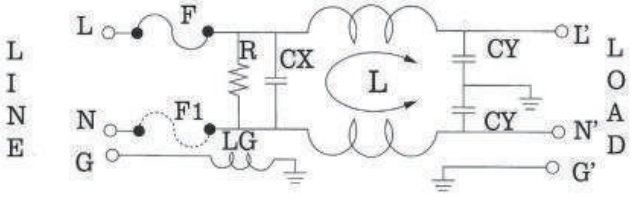
COMPONENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	9	25	37	68	62	15
3A	28	36	39	45	48	39	9	19	27	58	65	16
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	17	42	64	58	59	30

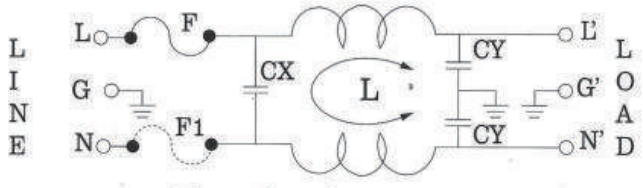
SCHEMATIC



ELECTRICAL SCHEMATIC 5

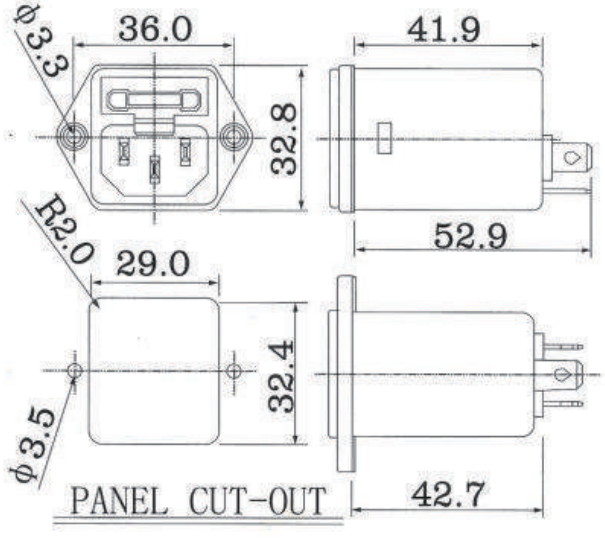


F1:optional component
ELECTRICAL SCHEMATIC 6



F1:optional component
ELECTRICAL SCHEMATIC 11

DIMENSIONS(mm)



CW2B

SPECIFICATION

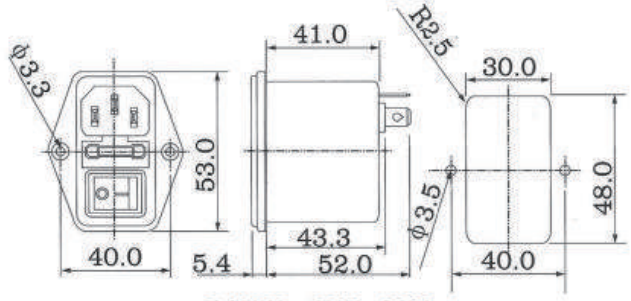
1.Max.Leakage current(each)
  Line to Ground:115V AC 60Hz 0.25mA
  Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
  Line to Ground:2250 V DC
  Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW2B-□□A-T(00)	0.1	3300		12
CW2B-□□A-T(01)			1.0	7
CW2B-□□A-T(03)				
CW2B-□□A-T(05)		2200		12
CW2B-□□A-T(07)	0.22		1.0	7
CW2B-□□A-T(08)	0.1			8
CW2B-□□A-T(09)	0.22			
CW2B-□□A-T(10)				7

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

DIMENSIONS(mm)

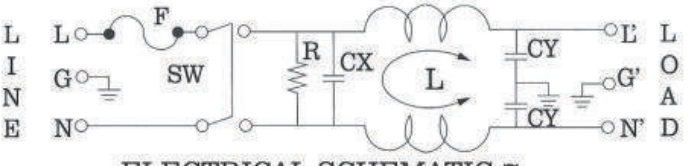


PANEL CUT-OUT

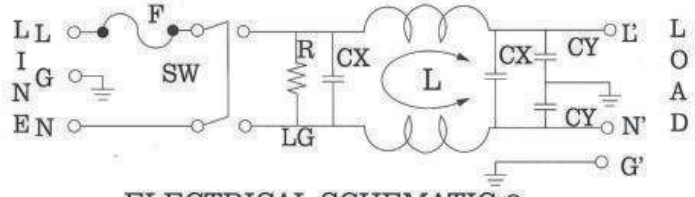
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	11	9	37	71	62	13
3A	28	36	39	45	48	39	39	9	27	58	65	16
6A	19	29	36	49	53	39	39	8	25	57	60	32
10A	14	18	22	38	49	42	42	17	64	58	49	30

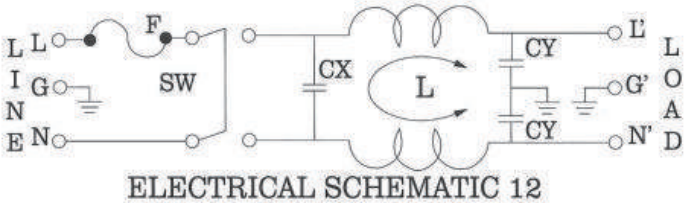
SCHEMATIC



ELECTRICAL SCHEMATIC 7



ELECTRICAL SCHEMATIC 8



ELECTRICAL SCHEMATIC 12

CW2C

SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

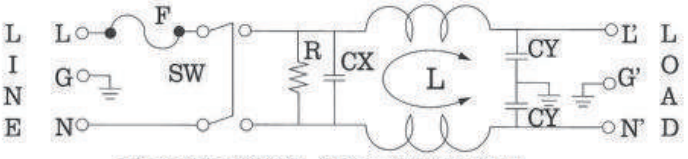
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW2C-□□A-T(00)	0.1	3300		12
CW2C-□□A-T(01)			1.0	7
CW2C-□□A-T(03)				
CW2C-□□A-T(05)		2200		12
CW2C-□□A-T(07)	0.22		1.0	7
CW2C-□□A-T(08)	0.1			8
CW2C-□□A-T(09)	0.22			
CW2C-□□A-T(10)				7

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

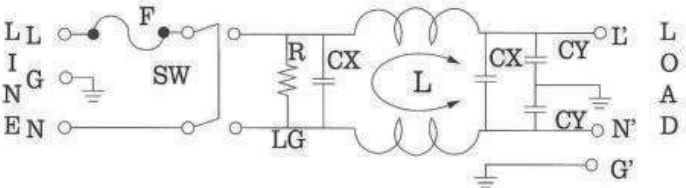
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	28	45	59	62	70	50	18	45	56	75	76	48
3A	28	54	63	68	70	50	38	54	55	68	75	52
6A	25	50	58	75	80	51	19	55	62	76	81	53
10A	26	48	55	76	79	52	22	55	64	75	80	54

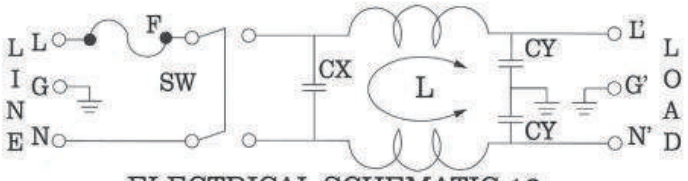
SCHEMATIC



ELECTRICAL SCHEMATIC 7

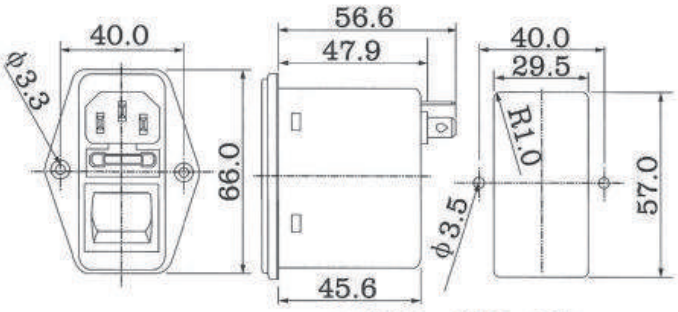


ELECTRICAL SCHEMATIC 8



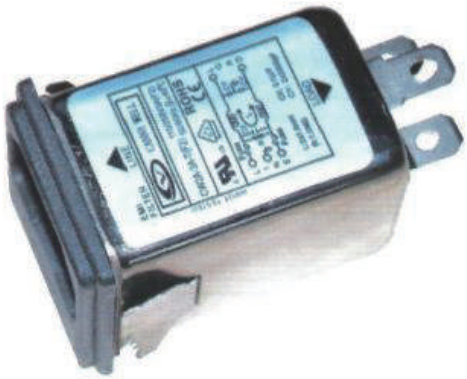
ELECTRICAL SCHEMATIC 12

DIMENSIONS(mm)



PANEL CUT-OUT

CW2D



SPECIFICATION

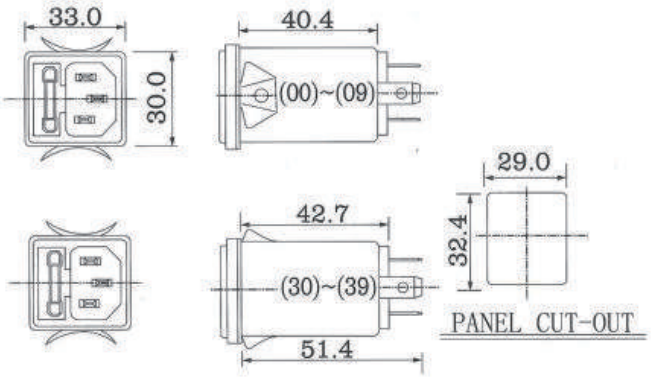
1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW2D-□□A-T(00)	0.1	3300	1.0		11
CW2D-□□A-T(01)					5
CW2D-□□A-T(02)				100	6
CW2D-□□A-T(03)		2200			5
CW2D-□□A-T(04)				100	6
CW2D-□□A-T(05)					11

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

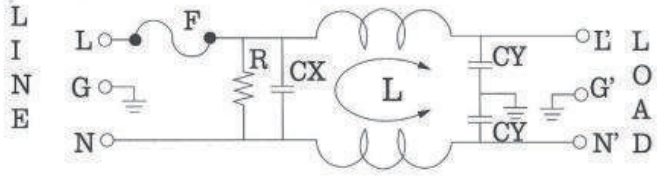
DIMENSIONS(mm)



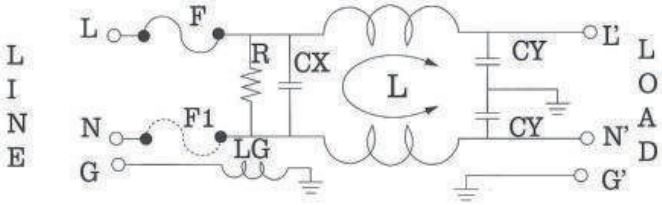
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	9	25	37	71	62	13
3A	28	36	39	45	48	39	9	19	27	58	65	16
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	12	42	64	58	49	30

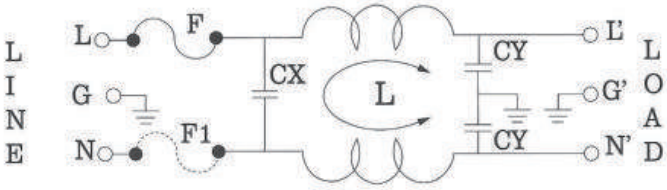
SCHEMATIC



ELECTRICAL SCHEMATIC 5

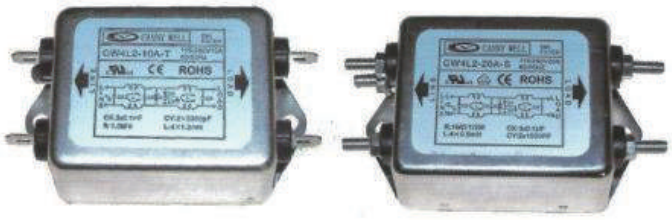


F1:optional component
ELECTRICAL SCHEMATIC 6



F1:optional component
ELECTRICAL SCHEMATIC 11

CW4L2 CW4EL2



SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

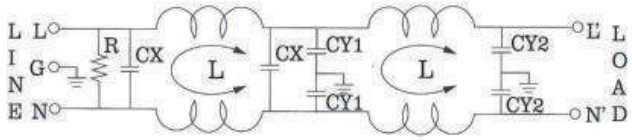
PART/NO.	CX (uF)	CY (pF)		R (MΩ)	SCHEMATIC
CW4L2-□□A-T(00)	0.1	1500	1000	0.1	9
CW4L2-□□A-T(01)		3300			10
CW4L2-□□A-T(02)	0.22				10
CW4L2-□□A-T(20)	0.1	1500	1000		9
CW4L2-□□A-T(21)		3300			10
CW4L2-□□A-T(22)	0.22				10

L(mH):01A:3.7 06A:2.0 10A:1.2
1.5A:0.9 20A: 0.5

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW1A-□□A-RT(00)					1
CW1A-□□A-RT(01)		3300			2
CW1A-□□A-RT(02)				100	2

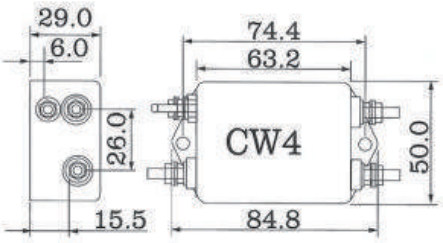
L(mH):01A:8.0 06A:3.7 10A:1.2
Terminal:T:250 S:Screw

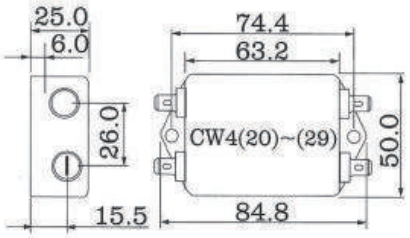
SCHEMATIC

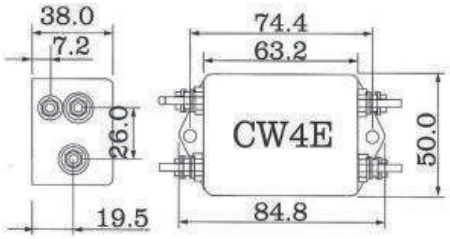


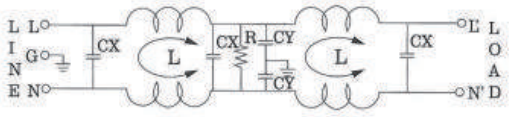
ELECTRICAL SCHEMATIC 9

DIMENSIONS(mm)









ELECTRICAL SCHEMATIC 10

COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
6A	27	33	64	69	70	45	9	45	70	68	52	25
10A	27	45	64	69	69	45	9	46	63	68	52	25
20A	30	55	55	61	70	50	43	65	66	64	58	52
30A	21	54	54	65	70	40	28	60	64	62	56	52

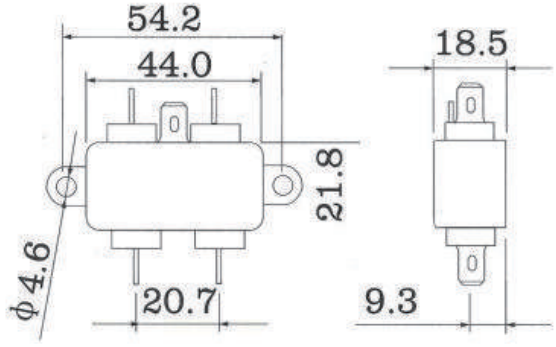
(04)

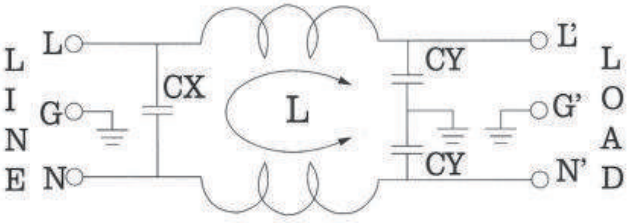
L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

(05)

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 ST:187 RT:157

SCHEMATIC





ELECTRICAL SCHEMATIC 1

COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	48	11	9	25	37	61	62	25
3A	28	36	39	45	48	39	9	19	27	58	65	26
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	17	42	64	58	49	30

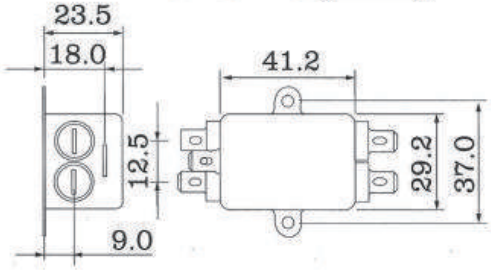
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	9	25	37	61	62	23
3A	28	36	39	45	48	39	9	19	27	58	65	26
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	17	42	64	58	49	30

SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

DIMENSIONS(mm)



COMPOENTS TABLE

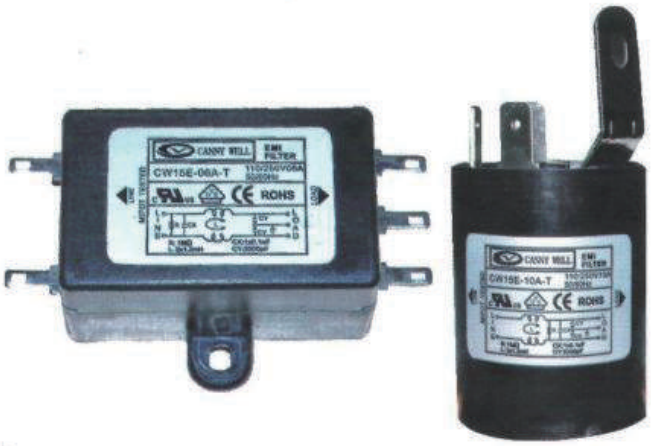
Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
1A	34	38	40	32	28	11	9	25	37	71	62	13
3A	28	36	39	45	48	39	9	19	27	58	65	16
6A	19	29	36	49	53	39	8	18	25	57	60	32
10A	14	18	22	38	49	42	17	42	64	58	49	34

COMPONENTS

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW15-□□A5T(00)	0.1	3300		1
CW15-□□A-5T(01)			0.1	2
CW15-□□A-5T(03)		2200		2
CW15-□□A-5T(05)			0.1	1
CW15-□□A-5T(06)	0.1			2

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3

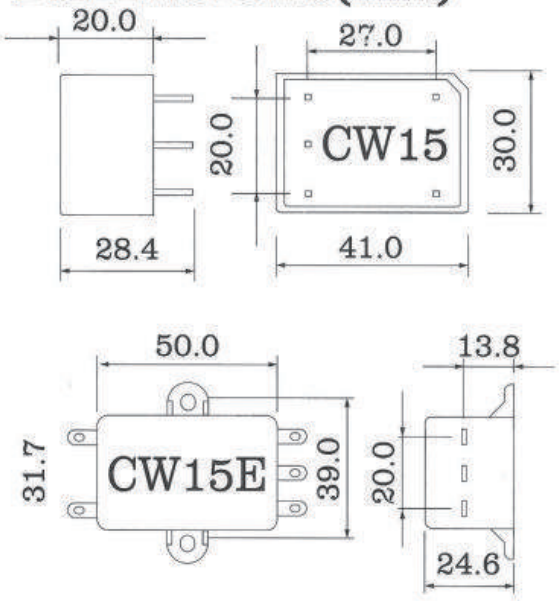
CW15E



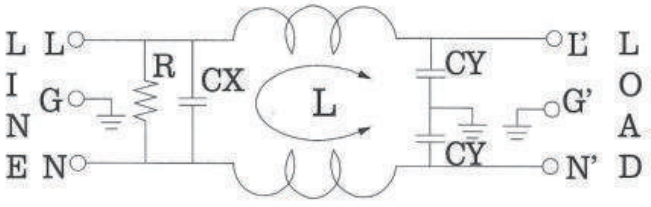
SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

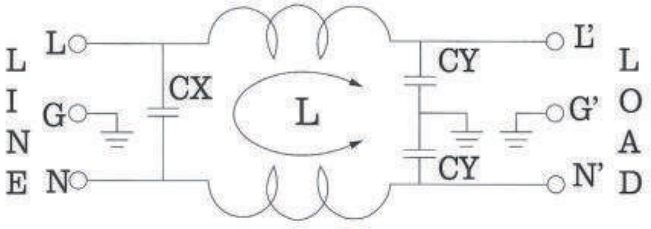
DIMENSIONS(mm)



SCHEMATIC



ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 1

CW12B CW12A CW12C

SPECIFICATION

1.Hipot rating (one minute)
Line to Ground:115 V DC
Line to Line:250 V DC
2.Power line frequency:50/60Hz
3..Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

COMPONENTS

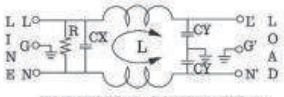
PART/NO.	SCHEMATIC
CW12A-□□AS(20)	20
CW12A-□□A-S(21)	21
CW12A-□□A-S(12)	2
CW12A-□□A-S(04)	4
CW12A-□□A-S(09)	9
CW12A-□□A-S(10)	10
CW12A-□□A-S(30)	30
CW12A-□□A-S(33)	33
CW12A-□□A-S(40)	40

AMT:I/P:20A~50A O/P:063A~65A
Terminal:T:250 S:Screw

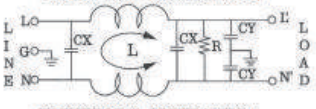
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
10A	39	55	56	65	28	54	50	65	65	62	60	58
20A	30	55	55	61	48	60	43	65	66	64	58	52
30A	21	45	54	60	53	40	28	60	64	62	56	52
50A	21	48	55	54	49	40	19	35	49	58	55	45

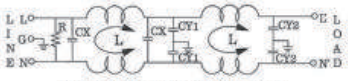
SCHEMATIC



ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 4



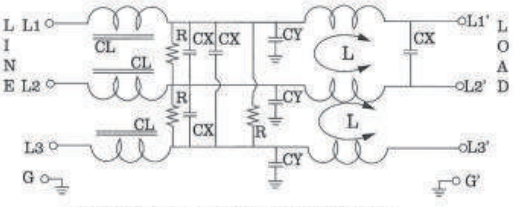
ELECTRICAL SCHEMATIC 9

ELECTRICAL SCHEMATIC 10

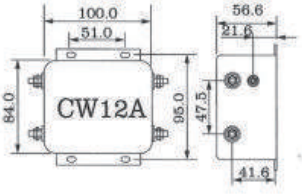
ELECTRICAL SCHEMATIC 20

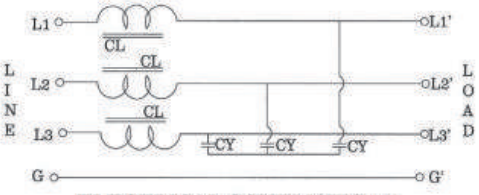
ELECTRICAL SCHEMATIC 21

DIMENSIONS(mm)

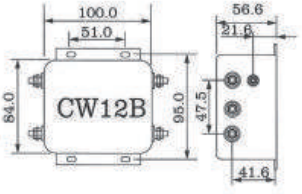


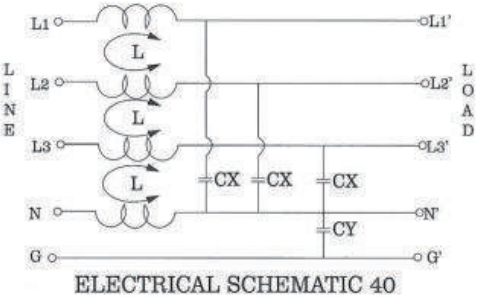
ELECTRICAL SCHEMATIC 30



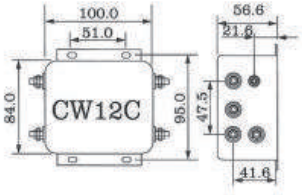


ELECTRICAL SCHEMATIC 33





ELECTRICAL SCHEMATIC 40



CW3 CW3L2

COMPONENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
Comm.Mode(L-G)in MHz							Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
6A	27	50	64	69	62	45	9	70	95	68	52	25
10A	27	50	64	69	62	45	9	70	75	68	52	25
20A	30	55	55	61	63	60	43	65	66	64	58	52
30A	21	45	54	60	62	40	28	60	64	62	56	52

COMPONENTS

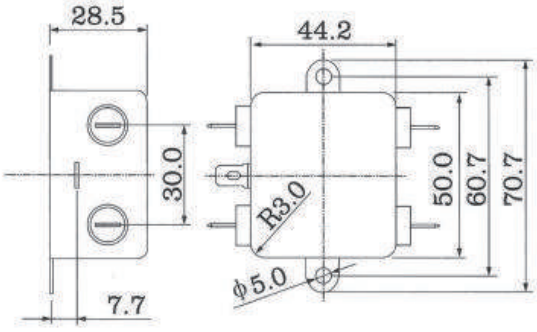
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW3-□□AS(00)	0.1	3300	0.1	4
CW3-□□A-S(01)				2
CW3-□□A-S(02)	0.22			2
CW3-□□A-S(02)		2200		4

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
15A: 0.9 20A: 0.5

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	Lg (μF)	SCHEMATIC
CW3L2-□□A-RT(00)	0.1	1500	1000	1.0	9
CW3L2-□□A-RT(01)		3300			10

L(mH):01A:3.7 03A:1.8 06A:0.7 10A:0.3
Terminal:T:250 L:Wire S:Screw

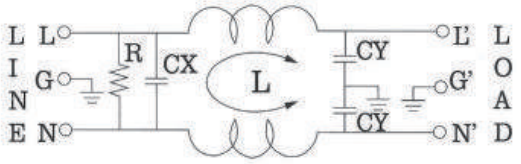
DIMENSIONS(mm)



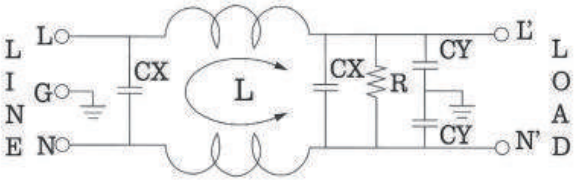
SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

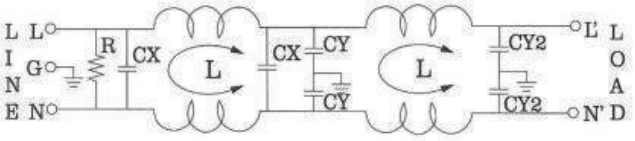
SCHEMATIC



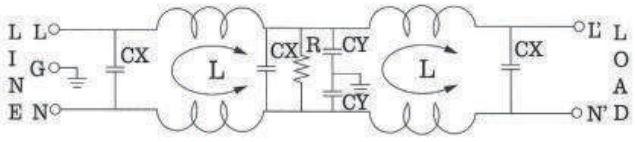
ELECTRICAL SCHEMATIC 2



ELECTRICAL SCHEMATIC 4



ELECTRICAL SCHEMATIC 9

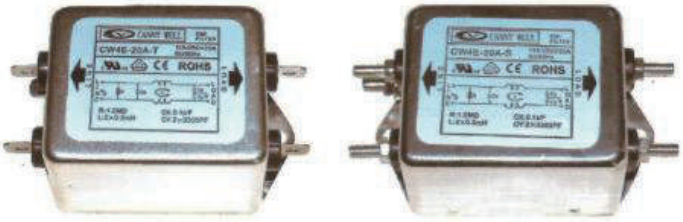


ELECTRICAL SCHEMATIC 10

CW4E CW4EL2

SPECIFICATION

1.Max.Leakage current(each)
Line to Ground:115V AC 60Hz 0.25mA
Line to Ground:250V AC 50Hz 0.45mA
2.Hipot rating (one minute)
Line to Ground:2250 V DC
Line to Line:1450 V DC
3.Power line frequency:50/60Hz
4.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃



COMPONENTS

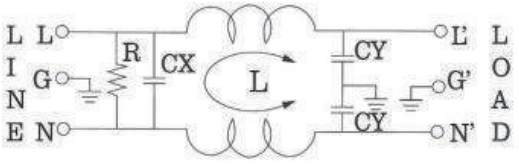
PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW4-□□A-T(00)	0.1	3300	1.0	2
CW4-□□A-T(01)				4
CW4-□□A-T(02)	0.22			4
CW4-□□A-T(20)	0.1			2
CW4-□□A-T(21)	0.22			4
CW4-□□A-T(22)				4

L(mH):01A:3.7 06A:2.0 10A:1.2
15A:0.9 20A:0.7

PART/NO.	CX (uF)	CY (pF)	R (MΩ)	SCHEMATIC
CW4E-□□A-T(00)		3300		1
CW4E-□□A-T(01)				2
CW4E-□□A-T(02)				3

L(mH): 0.3A:8.0 0.6A:5.0 10A:3.0
15A:0.9 20A;0.9 30A:0.5
Terminal:T:250 Screw

SCHEMATIC

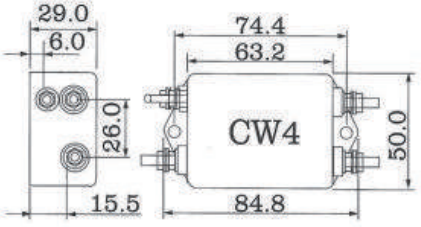


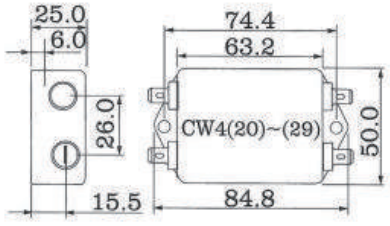
ELECTRICAL SCHEMATIC 2

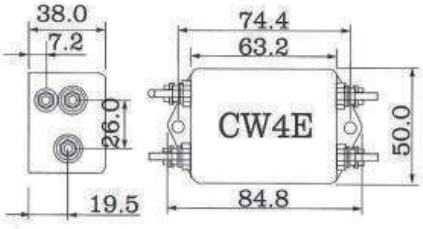
COMPOENTS TABLE

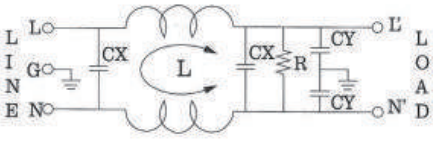
Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
6A	27	50	64	69	62	45	9	42	89	68	52	25
10A	27	50	64	69	62	45	9	43	72	68	52	25
20A	30	55	55	61	63	60	43	65	66	64	58	52
30A	21	45	54	60	62	40	28	60	64	62	56	52

DIMENSIONS(mm)









ELECTRICAL SCHEMATIC 4

CW8A

CW8B

CW8C

COMPONENTS

PART/NO.	SCHEMATIC
CW8A-□□A-S(20)	20
CW8A-□□A-S(21)	21
CW8A-□□A-S(30)	30
CW8A-□□A-S(31)	31
CW8A-□□A-S(32)	32
CW8A-□□A-S(33)	33
CW8A-□□A-S(40)	40

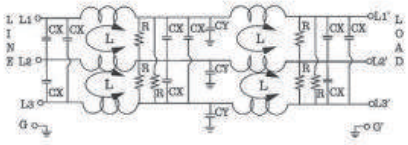
Amt:I/P:20A~50A O/P:03A~65A
Terminal: T: 250 S:Screw

COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
30A	35	62	55	58	54	22	32	43	47	45	29	26
50A	35	50	52	53	60	32	29	40	39	42	42	27
80A	32	46	57	53	45	29	29	56	58	60	46	24

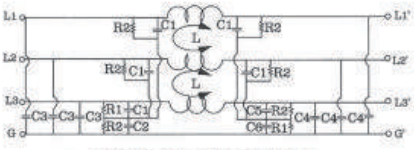
SCHEMATIC

ELECTRICAL SCHEMATIC 20

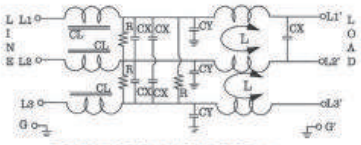


ELECTRICAL SCHEMATIC 31

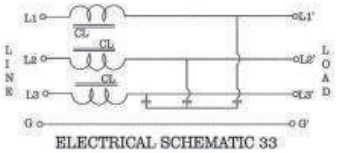
ELECTRICAL SCHEMATIC 21



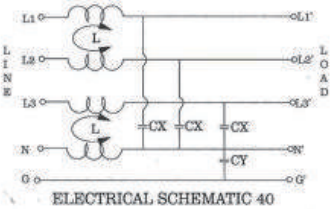
ELECTRICAL SCHEMATIC 32



ELECTRICAL SCHEMATIC 30



ELECTRICAL SCHEMATIC 33

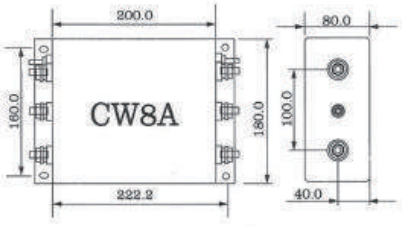


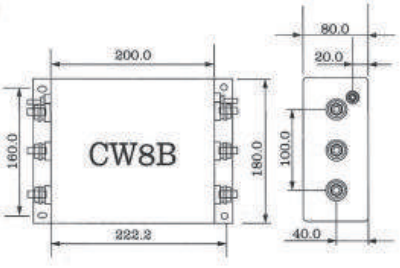
ELECTRICAL SCHEMATIC 40

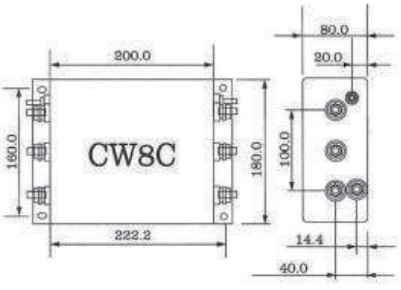
SPECIFICATION

1.Hipot rating (one minute)
Line to Ground:115V DC
Line to Line:250 V DC
2.Power line frequency:50/60Hz
3.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

DIMENSIONS(mm)







CW9A

CW9B

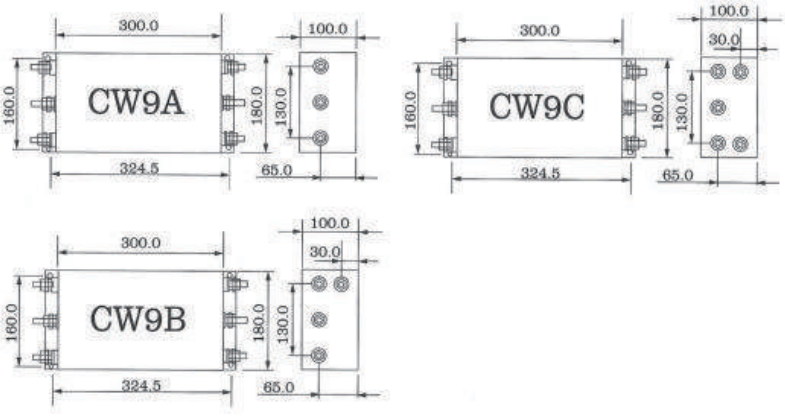
CW9C

COMPONENTS

PART/NO.	SCHEMATIC
CW9A-□□A-S(20)	20
CW9A-□□A-S(21)	21
CW9B-□□A-S(30)	30
CW9B-□□A-S(31)	31
CW9B-□□A-S(32)	32
CW9B-□□A-S(33)	33
CW9C-□□A-S(40)	40

Amt:I/P:20A~50A O/P:03A~65A
Terminal: T: 250 S:Screw

DIMENSIONS(mm)



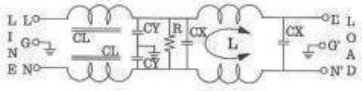
SPECIFICATION

1.Hipot rating (one minute)
Line to Ground:115V DC
Line to Line:250 V DC
2.Power line frequency:50/60Hz
3.Rated Voltage: 115/250 V AC
5.Operating temp:-25~85℃

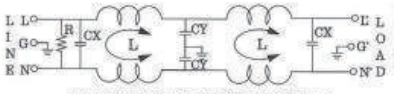
COMPOENTS TABLE

Min.Insertion loss (dB) in 50 ohm system												
	Comm.Mode(L-G)in MHz						Diff.Mode(L-L)in MHz					
Amt	0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30
50A	35	65	61	61	30	18	32	42	47	45	29	26
100A	35	42	51	48	52	32	29	35	39	42	39	27
150A	29	46	57	53	45	29	29	34	47	51	46	23

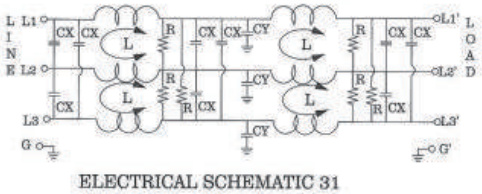
SCHEMATIC



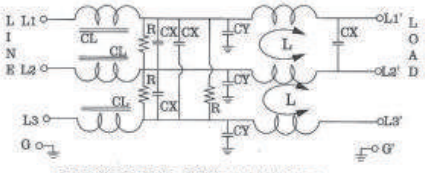
ELECTRICAL SCHEMATIC 20



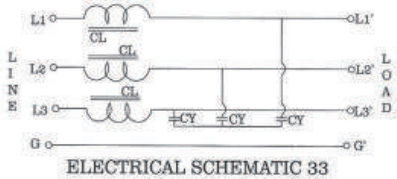
ELECTRICAL SCHEMATIC 21



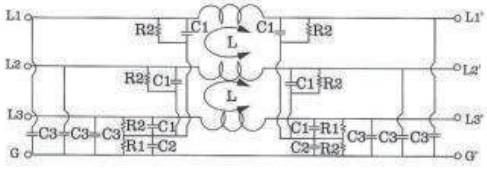
ELECTRICAL SCHEMATIC 31



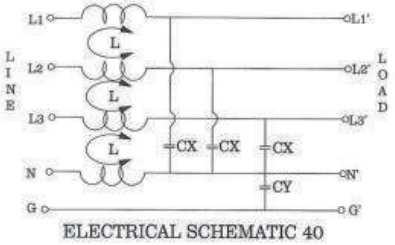
ELECTRICAL SCHEMATIC 30



ELECTRICAL SCHEMATIC 33



ELECTRICAL SCHEMATIC 32



ELECTRICAL SCHEMATIC 40

CANNY WELL

RoHS COMPLIANT