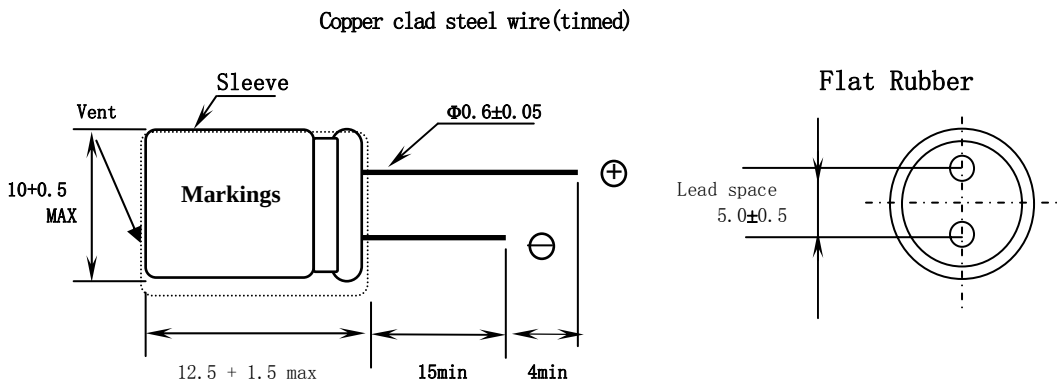
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	10 V 1000 μF	Part No.	KLH-010V102MG125
Customer No.	/		Case size	ΦD 10 X L 12.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.19 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 100 μA (20℃ 10 V 2 min)
	Impedance (MAX)	0.12Ω(100KHZ,20℃)
	Ripple current (MAX)	900 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31	

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	10 V 1000 μF	Part No.	KLH-010V102MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.19 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 100 μA (20℃ 10 V 2 min)
	Impedance (MAX)	0.072Ω (100KHZ, 20℃)
	Ripple current (MAX)	1010 mArms (100KHz ,105℃)
	Load life	3000 hrs
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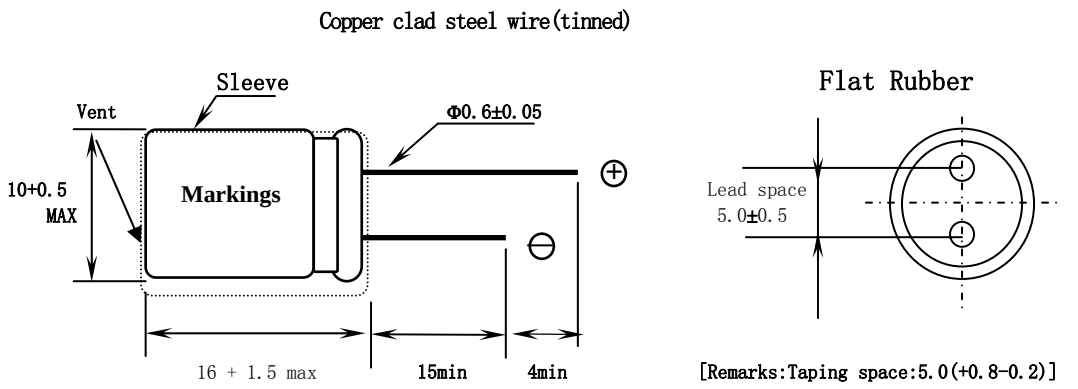
	Marking color	White
	(Dimensions)	



(unit):mm

Recorder	(The first edition) : 2016-10-31

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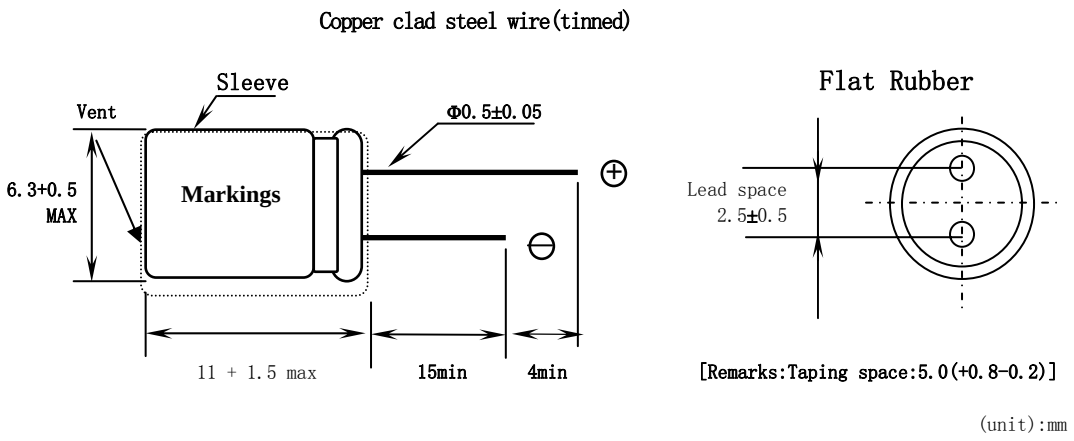
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	10 V 220 μF	Part No.	KLH-010V221ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.19 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 22 μA (20℃ 10 V 2 min)
	Impedance (MAX)	0.28Ω(100KHZ,20℃)
	Ripple current (MAX)	330 mArms(100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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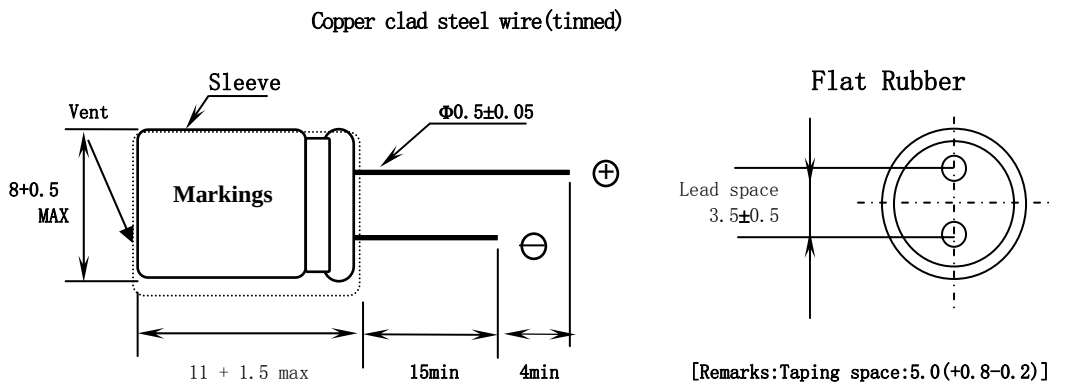
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	10 V 470 μF	Part No.	KLH-010V471MF110-T/A5.0
Customer No.	/		Case size	ΦD 8 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.19 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 47 μA (20℃ 10 V 2 min)
	Impedance (MAX)	0.115Ω (100KHZ, 20℃)
	Ripple current (MAX)	555mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



(unit):mm

Recorder	(The first edition) : 2016-10-31

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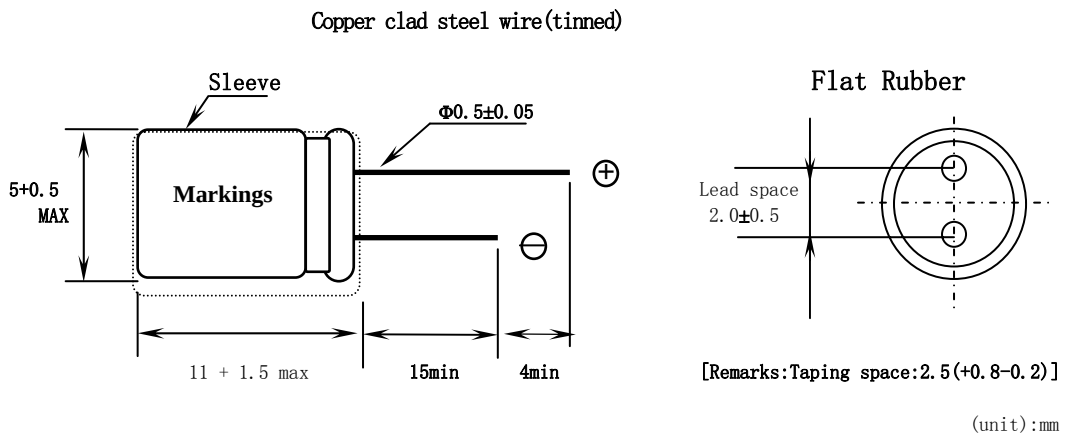
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 100 μF	Part No.	KLH-016V101MC110-T/A2.5
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.16 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 16 μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.40Ω (100KHZ,20℃)
	Ripple current (MAX)	230 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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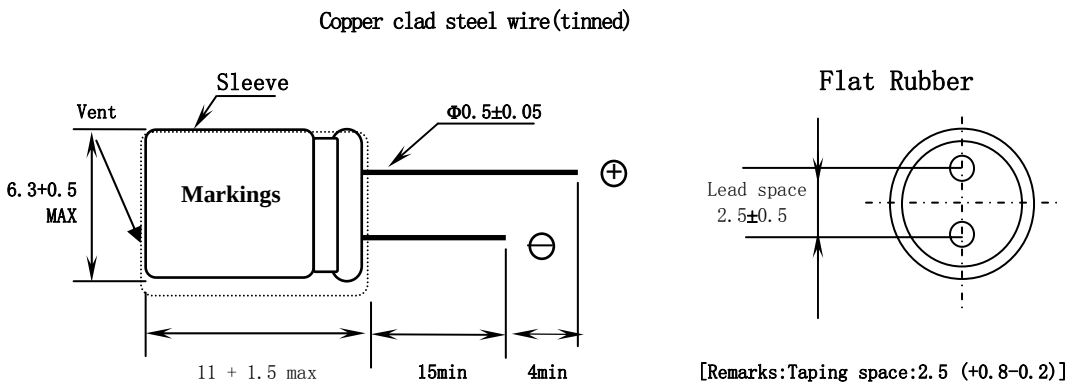
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 220 μF	Part No.	KLH-016V221ME110-T/A2.5
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.16 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 35.2 μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.30Ω(100KHZ,20℃)
	Ripple current (MAX)	380 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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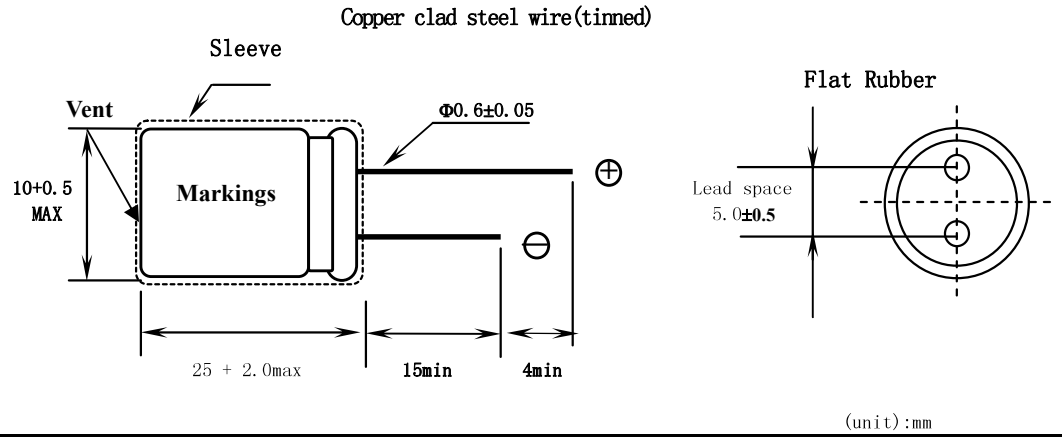
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 2200 μF	Part No.	KLH-016V222MG250
Customer No.	/		Case size	ΦD 10 X L25

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.18 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 352 μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.05 Ω (100kHZ, 20℃)
	Ripple current (MAX)	1750 mArms (100kHz ,105℃)
	Load life	5000hrs
Outline	Sleeve color	Deep green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2014-9-6

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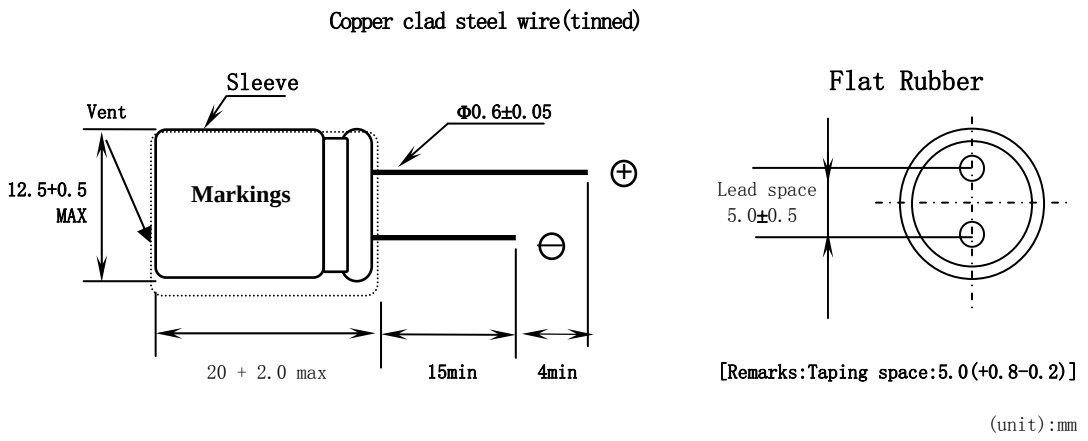
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 2200 μF	Part No.	KLH-016V222MH200-T/A5.0
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.18 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 352 μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.04Ω(100KHZ,20℃)
	Ripple current (MAX)	1760 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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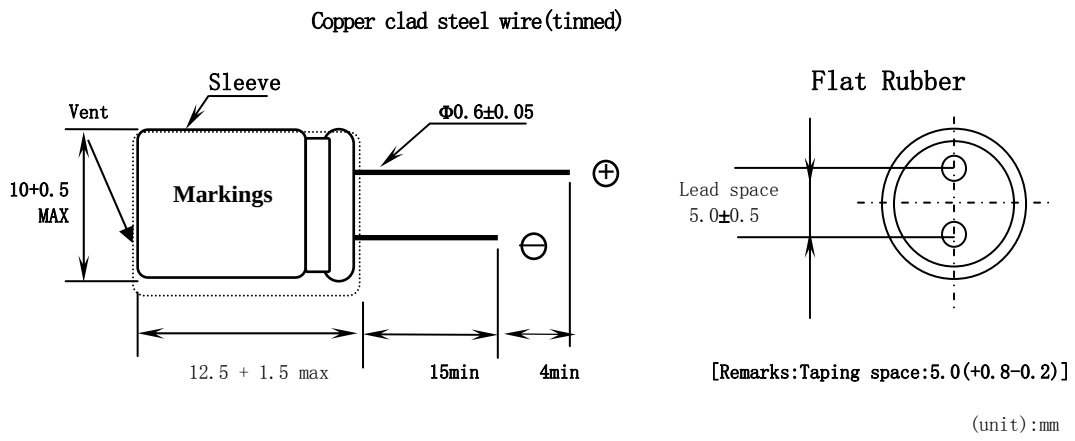
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 470 μF	Part No.	KLH-016V471MG125-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 12.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.16 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 75.2 μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.095Ω (100KHZ, 20℃)
	Ripple current (MAX)	722mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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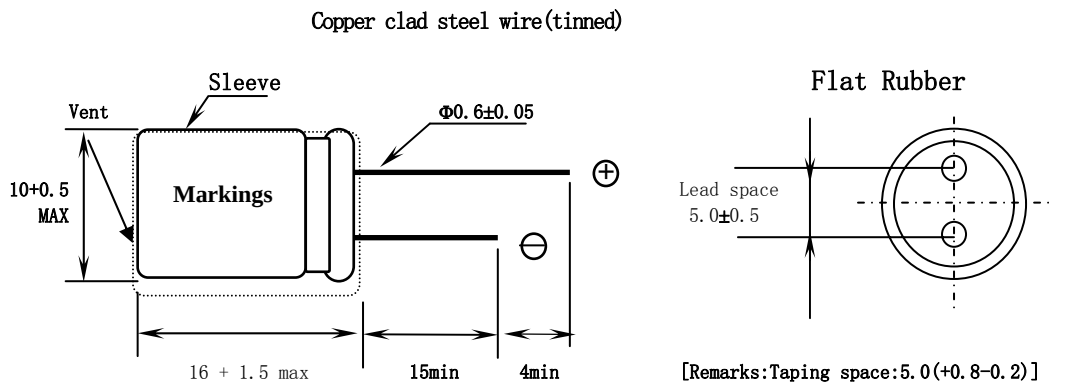
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 470 μF	Part No.	KLH-016V471MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.16 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 75.2μA (20℃ 16 V 2 min)
	Impedance (MAX)	0.08Ω(100KHZ,20℃)
	Ripple current (MAX)	810 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



(unit):mm

Recorder	(The first edition) : 2016-10-31

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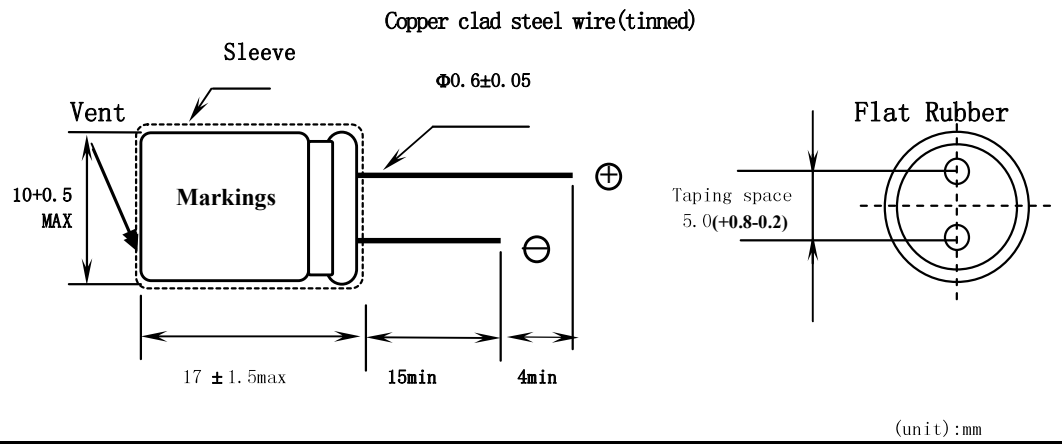
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 1000 μF	Part No.	KLH-025V102MG170-T/A5.0
Customer No.			Case size	ΦD 10 X L17

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.14 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 250 μA (20℃ 25 V 2 min)
	Impedance (MAX)	0.08 Ω (100kHZ, 20℃)
	Ripple current (MAX)	1130 mA (100kHz ,105℃)
	Load life	5000hrs
Outline	Sleeve color	Deep green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2013-11-30

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

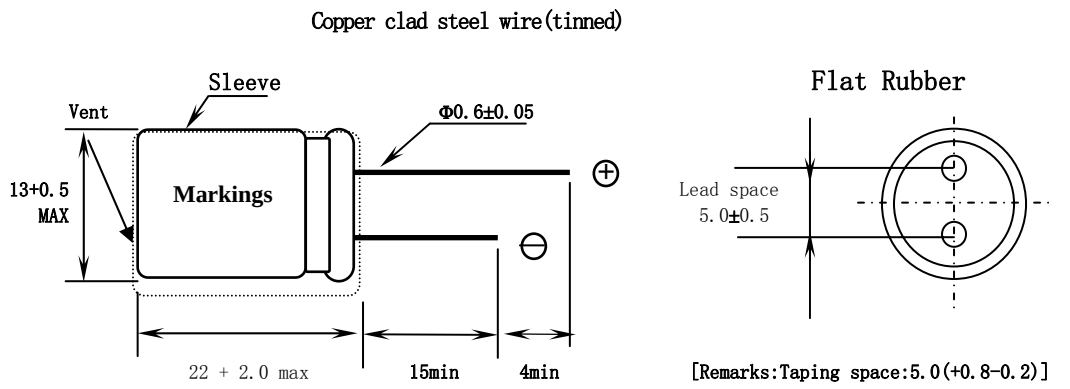
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 2200 μF	Part No.	KLH-025V222MI220-T/A5.0
Customer No.	/		Case size	ΦD 13 X L 22

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.16 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 550 μA (20℃ 25 V 2 min)
	Impedance (MAX)	0.035Ω (100KHZ, 20℃)
	Ripple current (MAX)	2000 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



(unit):mm

Recorder	(The first edition) : 2016-10-31

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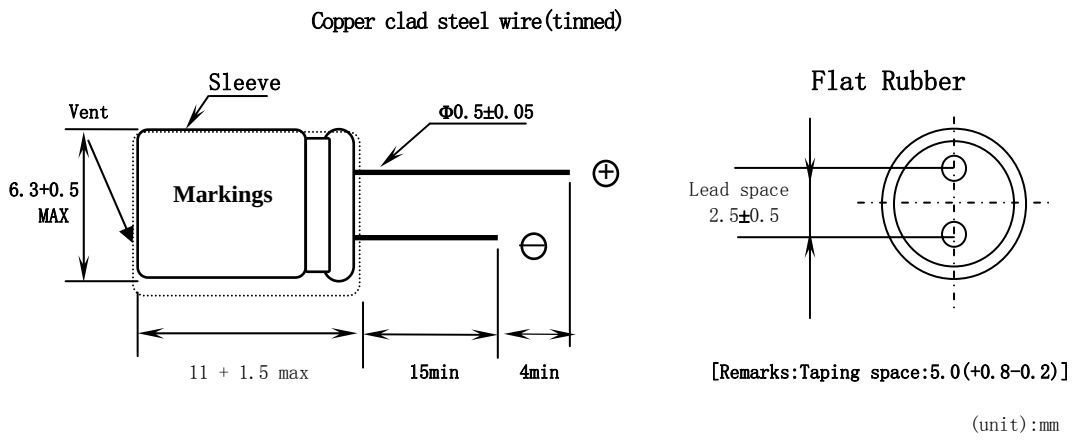
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 47 μF	Part No.	KLH-025V470ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.14 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 11.75μA (20℃ 25 V 2 min)
	Impedance (MAX)	0.40Ω (100KHZ, 20℃)
	Ripple current (MAX)	265 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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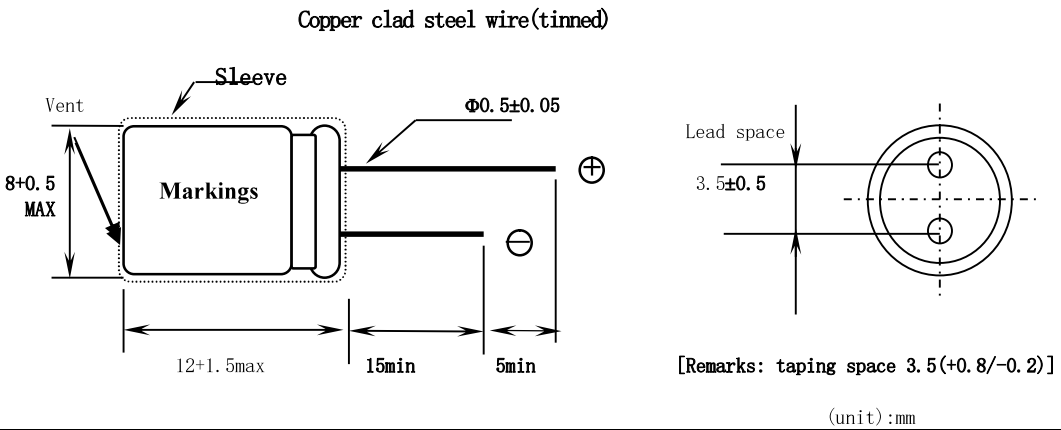
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 470 μF	Part No.	KLH-025V471MF120-T/A3.5
Customer No.			Case size	ΦD 8 X L12

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.14 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 117.5 μA (20℃ 25 V 2 min)
	Impedance (MAX)	0.12 Ω (100KHZ, 20℃)
	Ripple current (MAX)	700 mA (100KHz ,105℃)
	Load life	3000hrs
Outline	Sleeve color	Deep green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-3-11

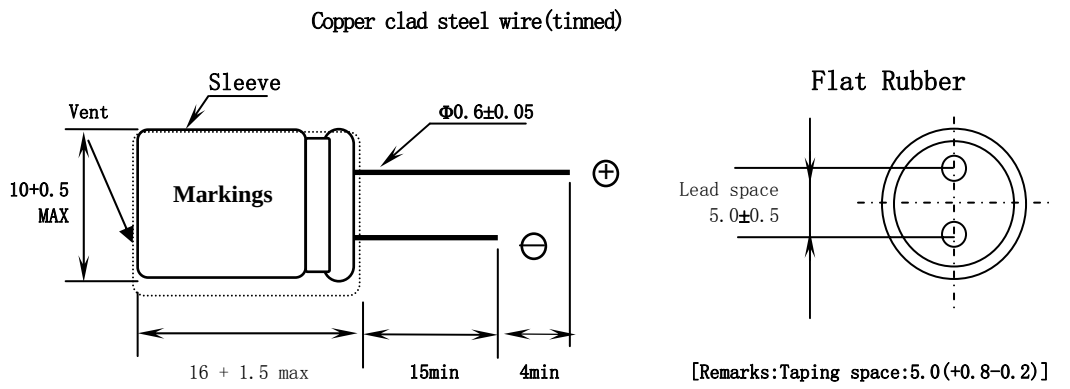
Wrote by: YUHAIHUAN	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 470 μF	Part No.	KLH-025V471MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.14 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 117.5μA (20℃ 25 V 2 min)
	Impedance (MAX)	0.065Ω (100KHZ, 20℃)
	Ripple current (MAX)	1040mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

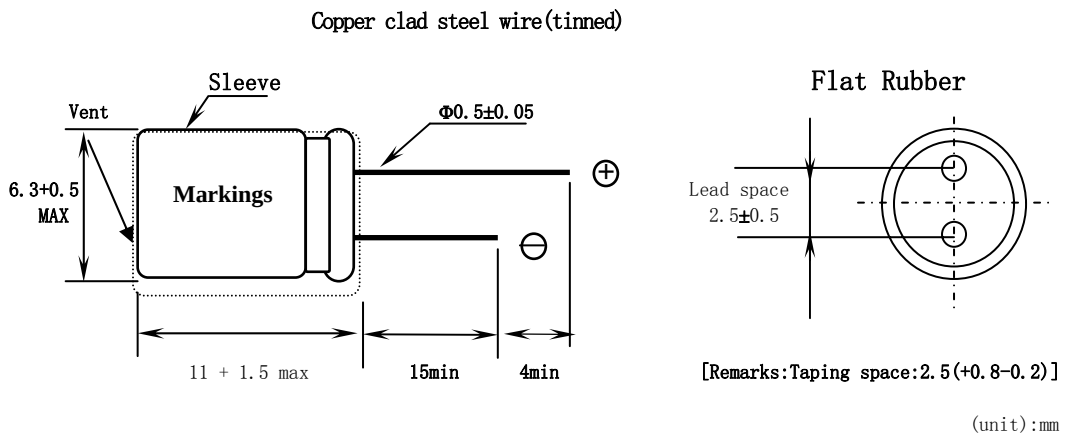
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 100 μF	Part No.	KLH-035V101ME110-T2.5
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 35μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.25Ω (100KHZ,20℃)
	Ripple current (MAX)	340 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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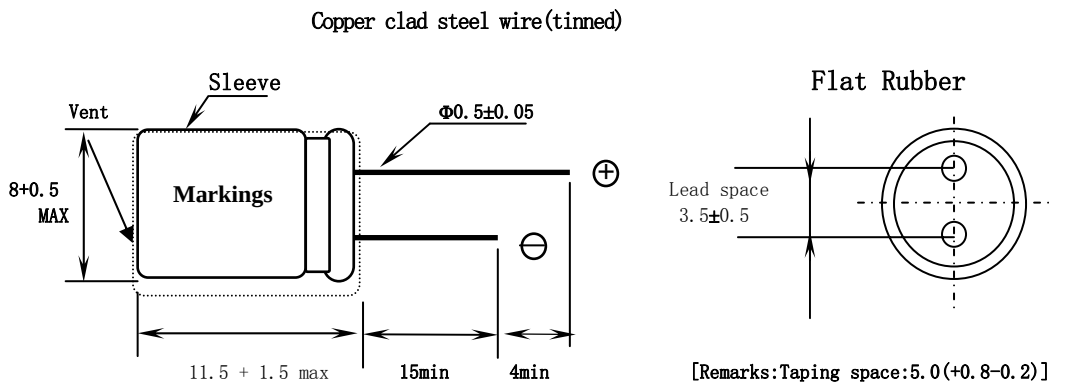
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 100 μF	Part No.	KLH-035V101MF115-T/A5.0
Customer No.	/		Case size	ΦD 8 X L 11.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 35μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.19Ω (100KHZ, 20℃)
	Ripple current (MAX)	380mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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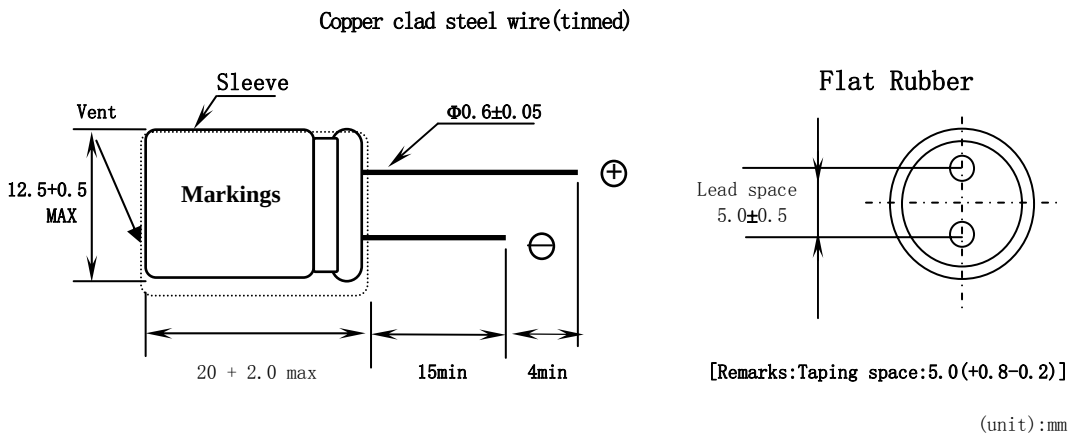
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 1000 μF	Part No.	KLH-035V102MH200-T/A5.0
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 350μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.04Ω(100KHZ,20℃)
	Ripple current (MAX)	1710 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

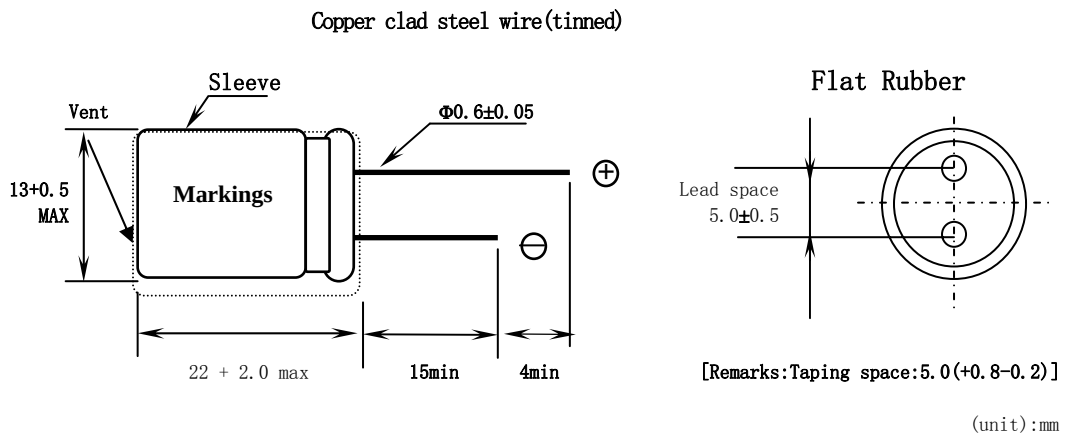
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 1000 μF	Part No.	KLH-035V102MI220-T/A5.0
Customer No.	/		Case size	ΦD 13 X L 22

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.32 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 350μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.035Ω (100KHZ, 20℃)
	Ripple current (MAX)	1825 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 22 μF	Part No.	KLH-035V220MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 7.7μA (20℃ 35 V 2 min)
	Impedance (MAX)	1.5Ω (100KHZ,20℃)
	Ripple current (MAX)	130mArms (100KHz ,105℃)
	Load life	2000 hrs
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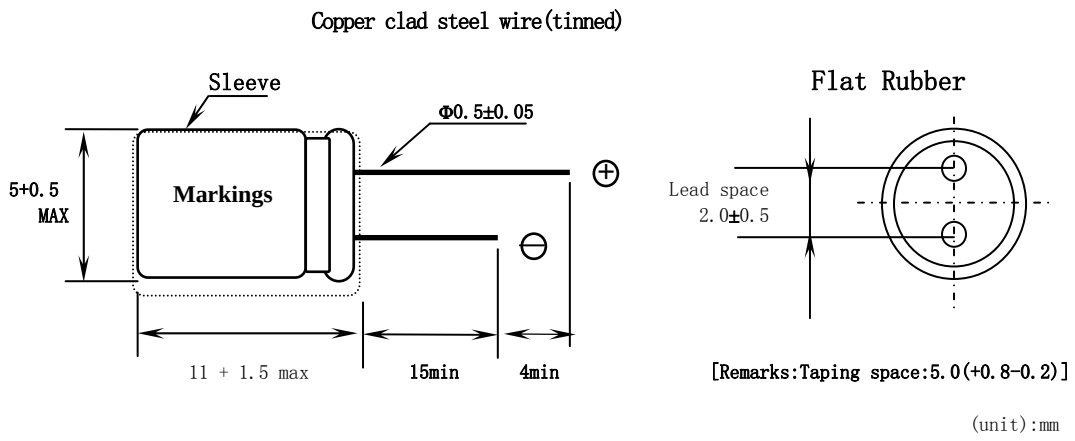
	Marking color	White
	(Dimensions)	



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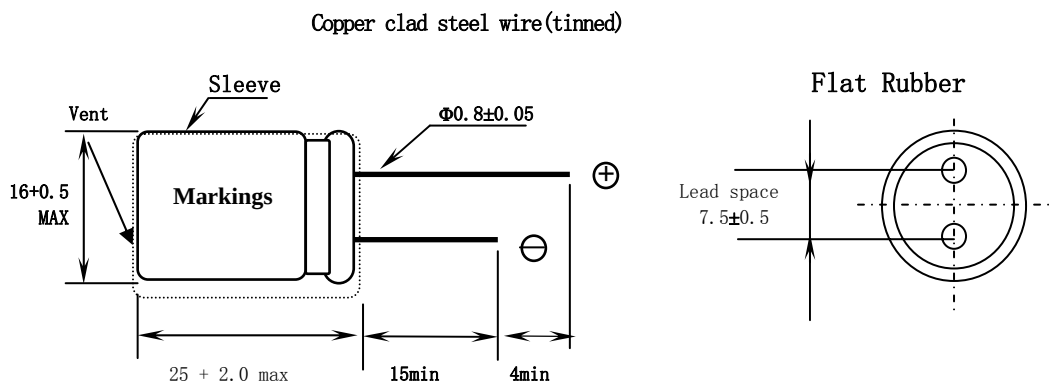
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 2200 μF	Part No.	KLH-035V222MJ250
Customer No.	/		Case size	ΦD 16 X L 25

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.14 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 770 μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.03Ω(100KHZ,20℃)
	Ripple current (MAX)	2380 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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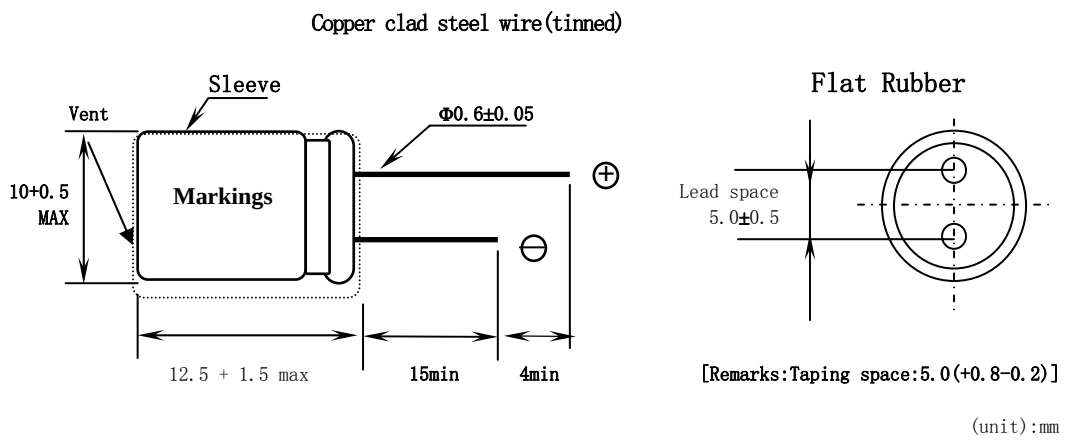
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 470 μF	Part No.	KLH-035V471MG125-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 12.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 164.5μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.08Ω (100KHZ, 20℃)
	Ripple current (MAX)	700 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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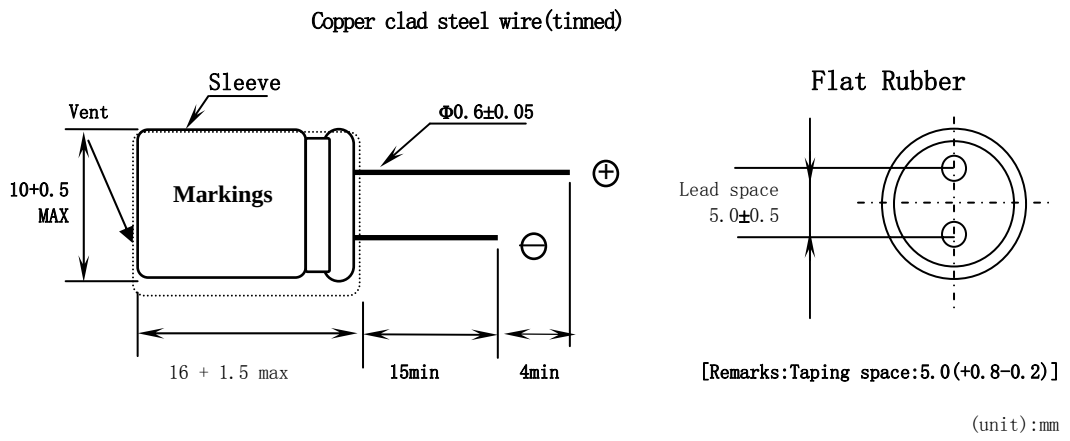
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 470 μF	Part No.	KLH-035V471MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 164.5μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.07Ω(100KHZ,20℃)
	Ripple current (MAX)	780 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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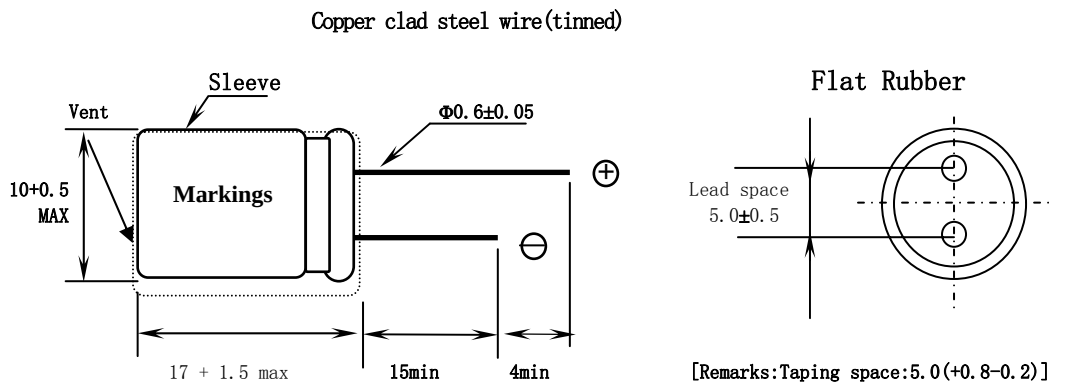
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 470 μF	Part No.	KLH-035V471MG170-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 17

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 164.5μA (20℃ 35 V 2 min)
	Impedance (MAX)	0.07Ω(100KHZ,20℃)
	Ripple current (MAX)	780 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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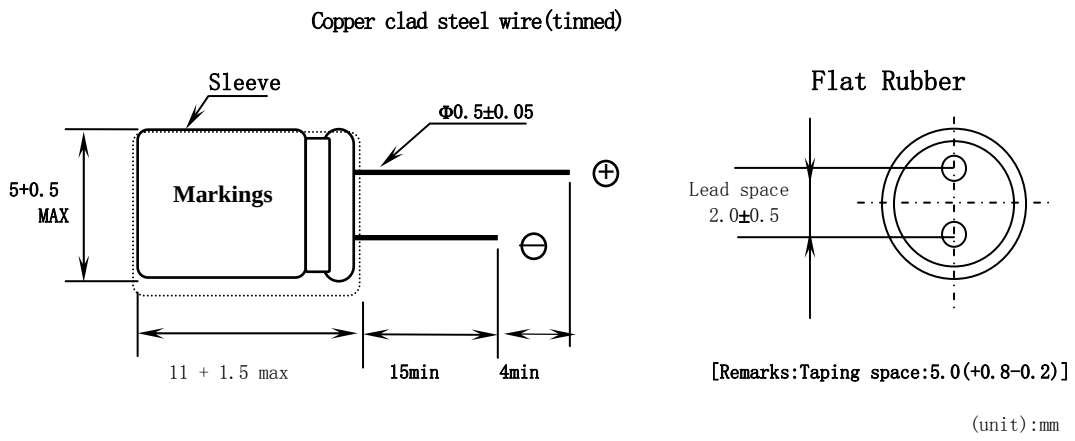
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 10 μF	Part No.	KLH-050V100MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 5μA (20℃ 50 V 2 min)
	Impedance (MAX)	1.8Ω(100KHZ,20℃)
	Ripple current (MAX)	100mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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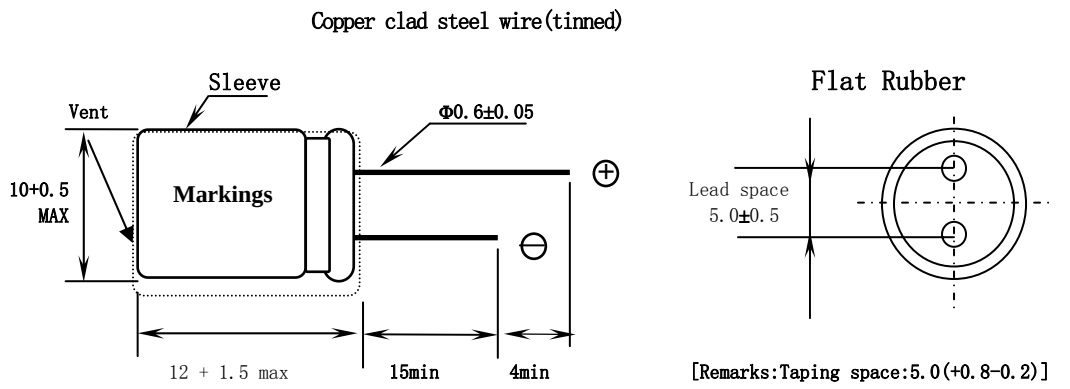
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 100 μF	Part No.	KLH-050V101MG120-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 12

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 50μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.13Ω (100KHZ,20℃)
	Ripple current (MAX)	550 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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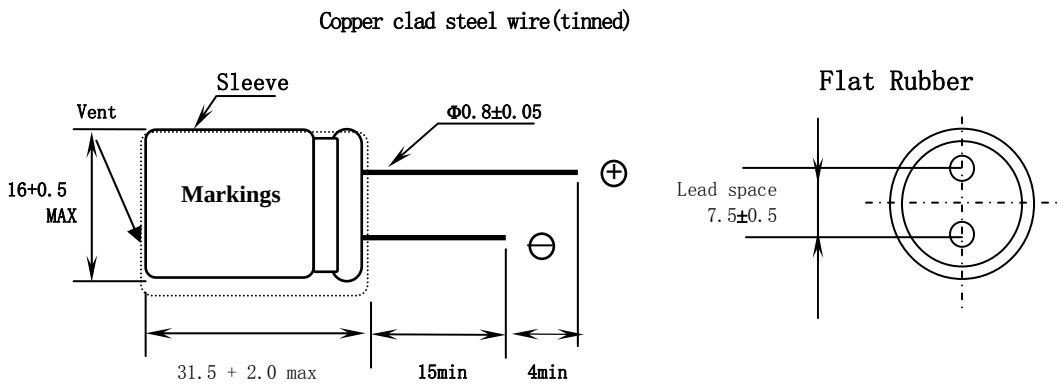
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 1000 μF	Part No.	KLH-050V102MJ315
Customer No.	/		Case size	ΦD 16 X L 31.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 500 μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.036Ω (100KHZ, 20℃)
	Ripple current (MAX)	2130mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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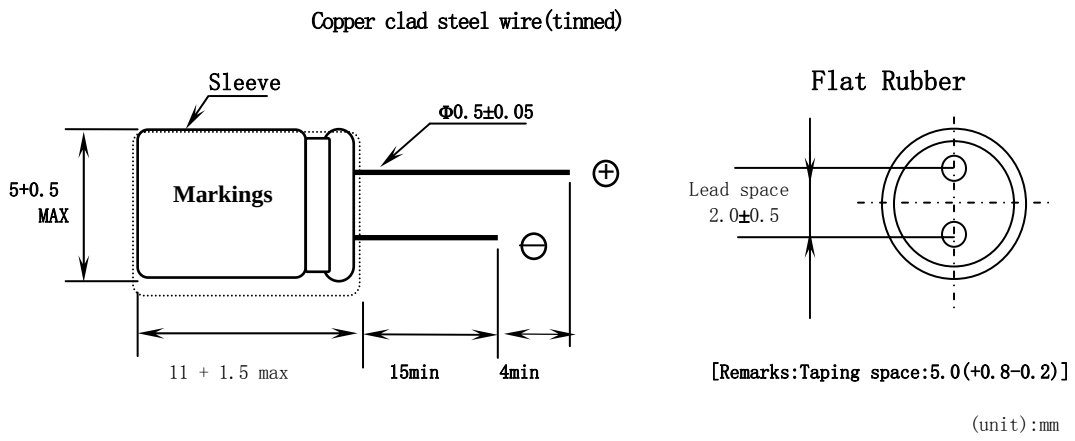
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 22 μF	Part No.	KLH-050V220MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 11μA (20℃ 50 V 2 min)
	Impedance (MAX)	1.0Ω (100KHZ,20℃)
	Ripple current (MAX)	135mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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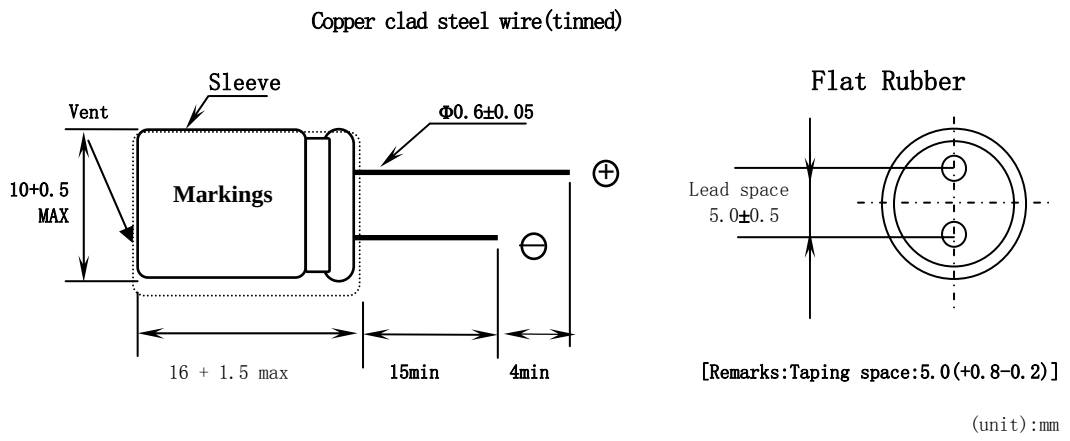
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 220 μF	Part No.	KLH-050V221MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 110μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.10Ω(100KHZ,20℃)
	Ripple current (MAX)	835mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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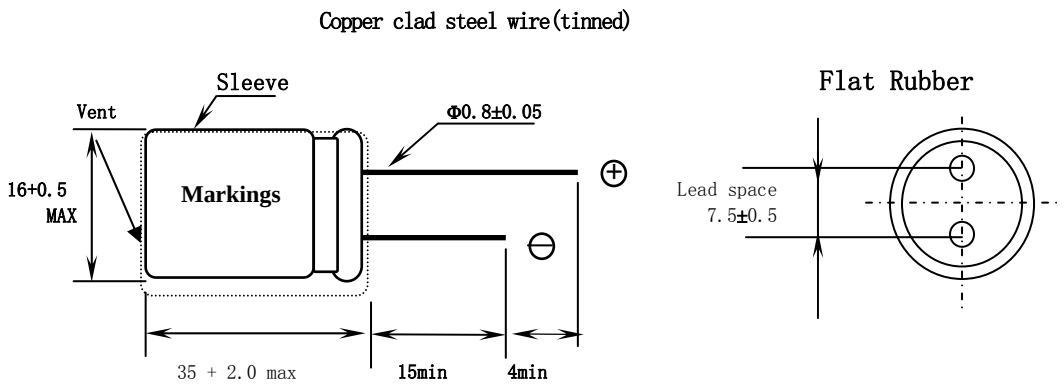
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 2200 μF	Part No.	KLH-050V222MJ350
Customer No.	/		Case size	ΦD 16 X L 35

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.12 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 1100 μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.030Ω (100KHZ, 20℃)
	Ripple current (MAX)	2685 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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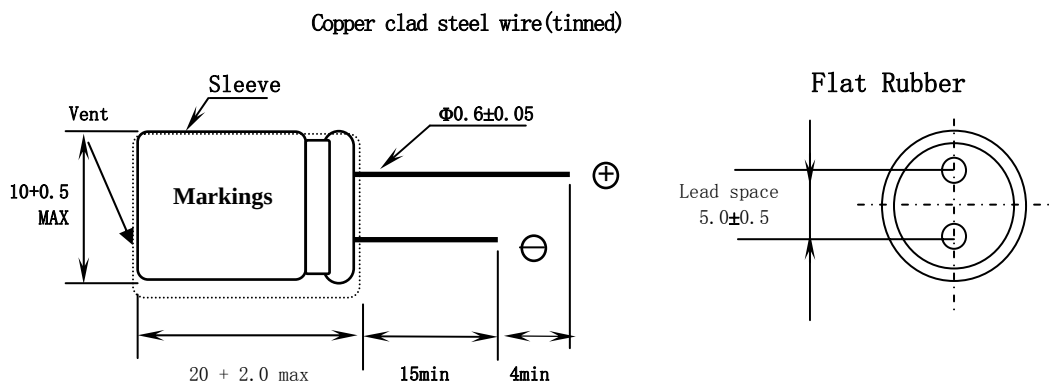
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 330 μF	Part No.	KLH-050V331MG200
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 165 μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.075Ω (100KHZ, 20℃)
	Ripple current (MAX)	960 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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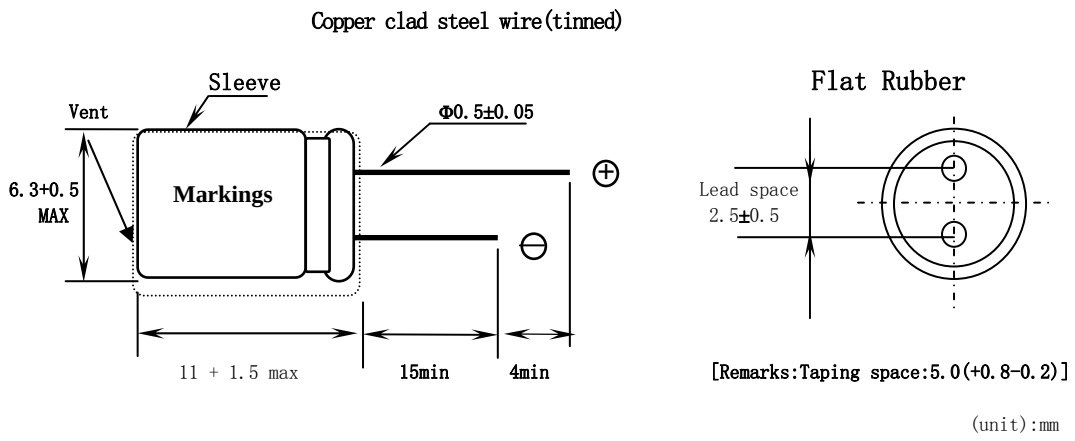
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 47 μF	Part No.	KLH-050V470ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 23.5μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.5Ω (100KHZ,20℃)
	Ripple current (MAX)	285 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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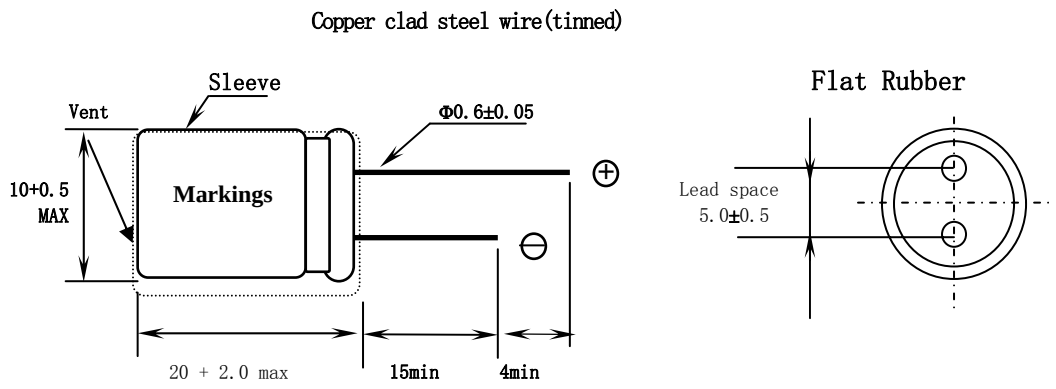
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 470 μF	Part No.	KLH-050V471MG200
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 235 μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.07Ω(100KHZ,20℃)
	Ripple current (MAX)	1270 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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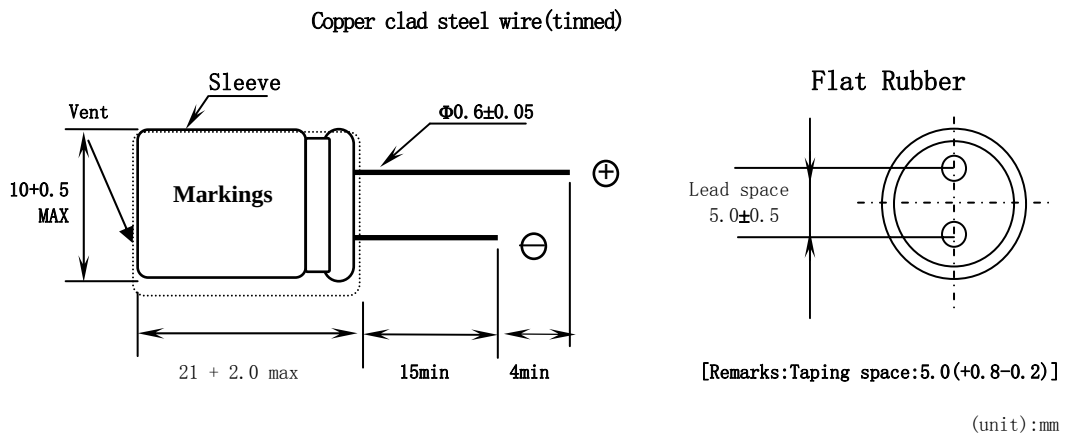
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 470 μF	Part No.	KLH-050V471MG210-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 21

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 235μA (20℃ 50 V 2 min)
	Impedance (MAX)	0.07Ω(100KHZ,20℃)
	Ripple current (MAX)	1270 mArms (100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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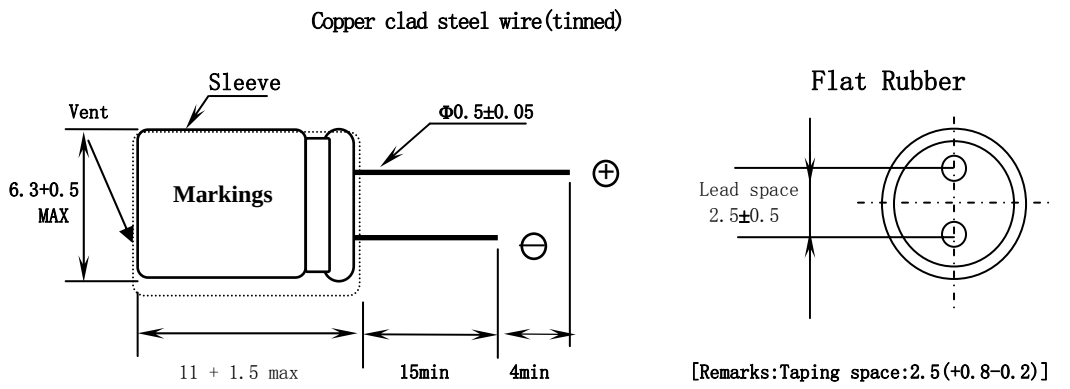
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 1 μF	Part No.	KLH-063V010KE110-T/A2.5
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 3 μA (20℃ 63 V 2 min)
	Impedance (MAX)	3.0Ω (100KHZ,20℃)
	Ripple current (MAX)	30 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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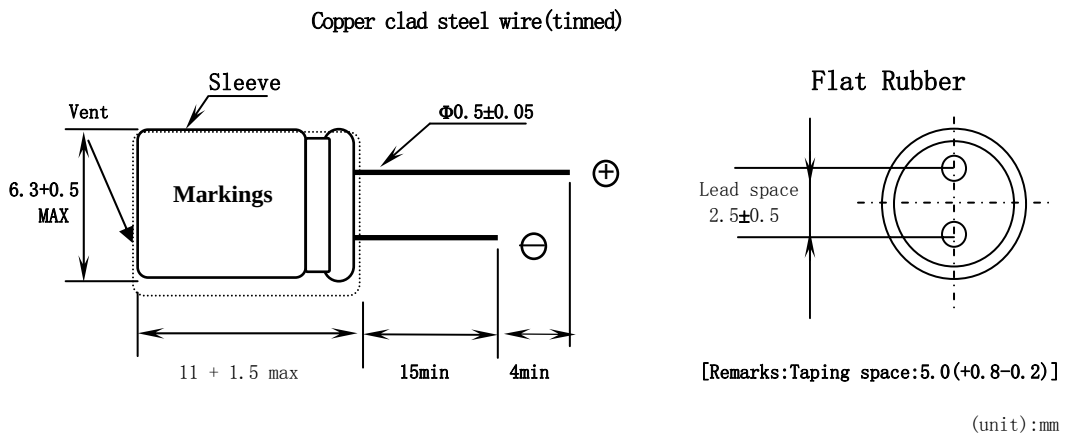
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 1 μF	Part No.	KLH-063V010KE110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 3 μA (20℃ 63 V 2 min)
	Impedance (MAX)	3.0Ω (100KHZ,20℃)
	Ripple current (MAX)	30 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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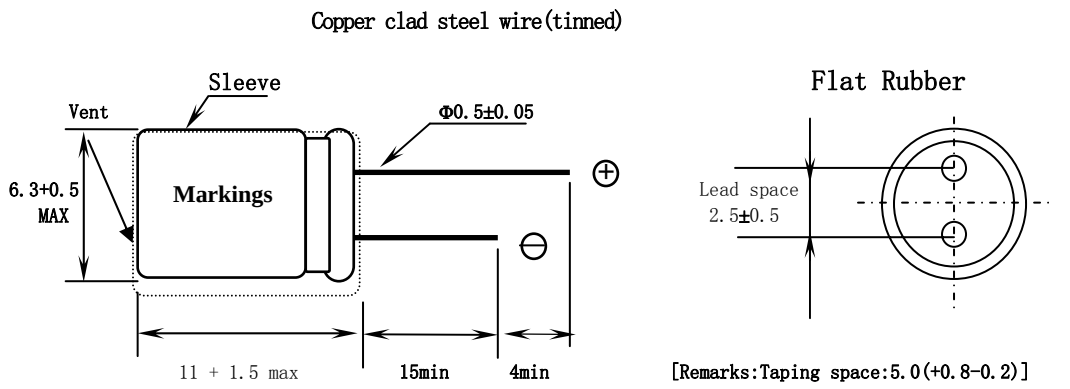
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 10 μF	Part No.	KLH-063V100KE110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 6.3 μA (20℃ 63 V 2 min)
	Impedance (MAX)	1.5Ω (100KHZ,20℃)
	Ripple current (MAX)	115 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



(unit):mm

Recorder	(The first edition) : 2016-10-31

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

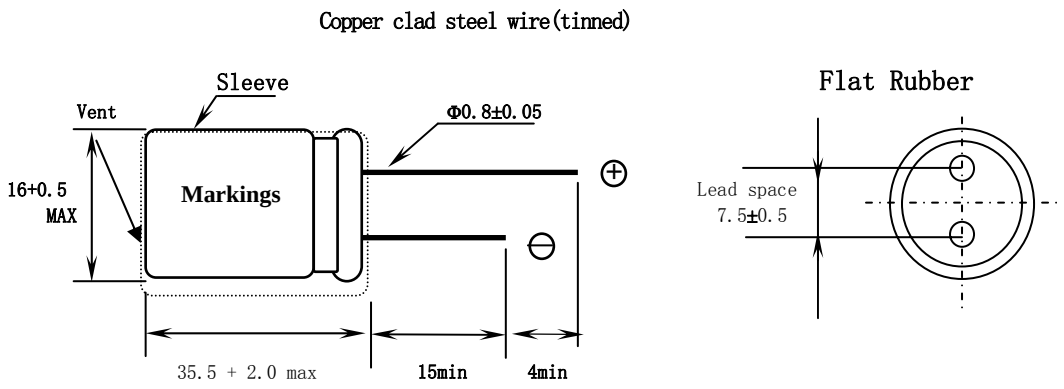
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 1000 μF	Part No.	KLH-063V102MJ355
Customer No.	/		Case size	ΦD 16 X L 35.5

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 630 μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.05Ω (100KHZ, 20℃)
	Ripple current (MAX)	2450mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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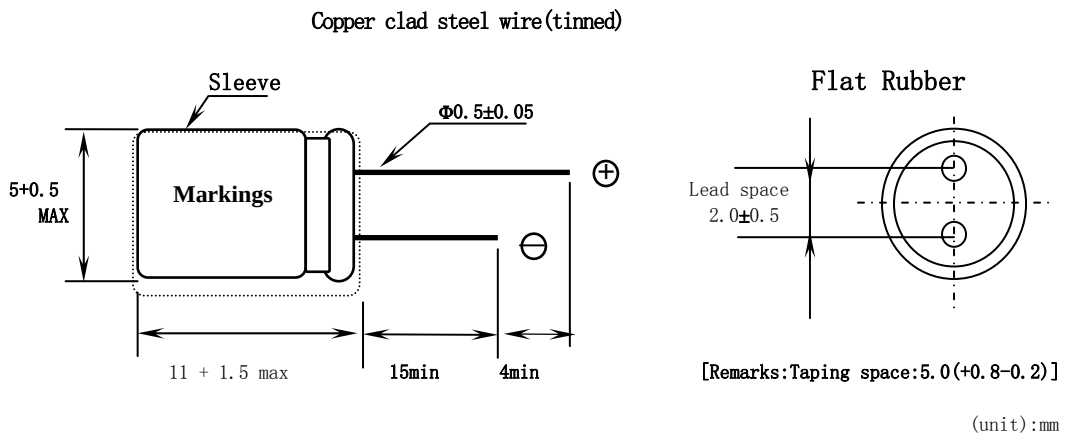
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 22 μF	Part No.	KLH-063V220MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 13.86μA (20℃ 63 V 2 min)
	Impedance (MAX)	1.5Ω (100KHZ,20℃)
	Ripple current (MAX)	140 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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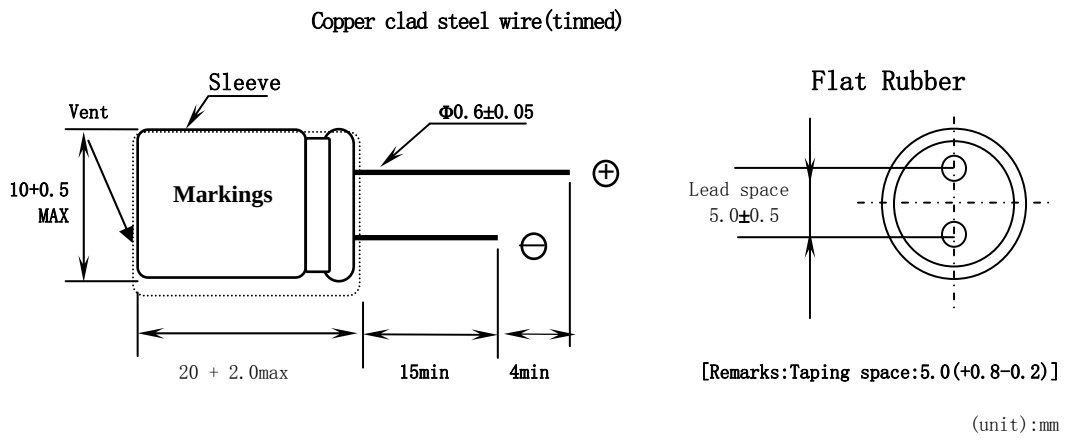
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 220 μF	Part No.	KLH-063V221MG200-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 138.6μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.25Ω (100KHZ,20℃)
	Ripple current (MAX)	920 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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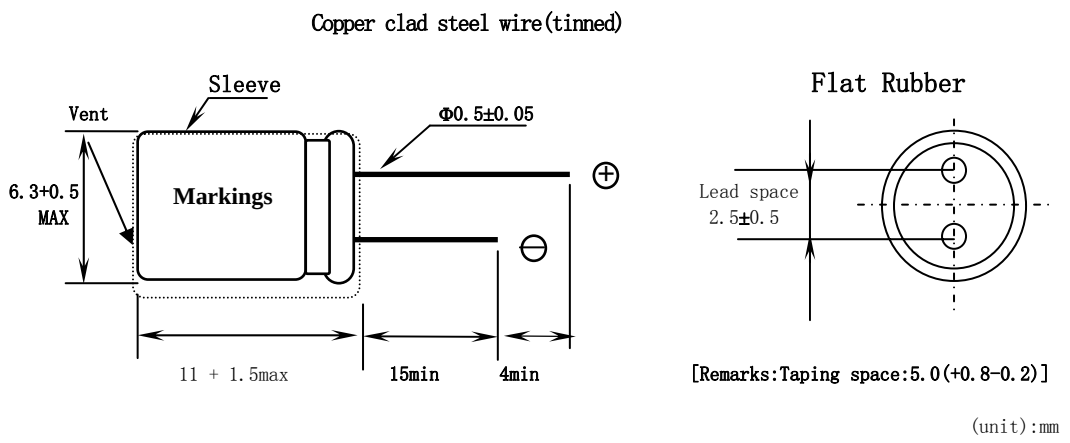
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 33 μF	Part No.	KLH-063V330ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 20.79 μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.61Ω (100KHZ, 20℃)
	Ripple current (MAX)	265 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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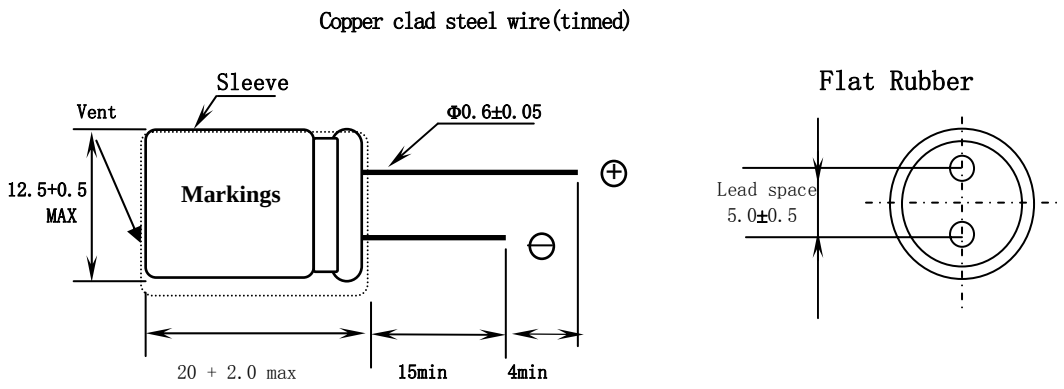
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 330 μF	Part No.	KLH-063V331MH200
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than)207.9 μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.07Ω(100KHZ,20℃)
	Ripple current (MAX)	1160 mArms(100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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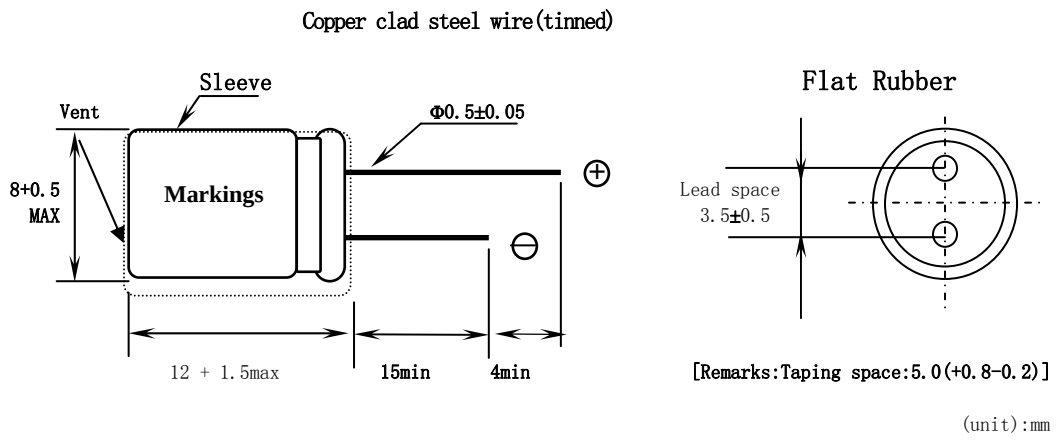
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 47 μF	Part No.	KLH-063V470MF120-T/A5.0
Customer No.	/		Case size	ΦD 8 X L 12

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 29.61μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.56Ω(100KHZ,20℃)
	Ripple current (MAX)	351mArms(100KHz ,105℃)
	Load life	3000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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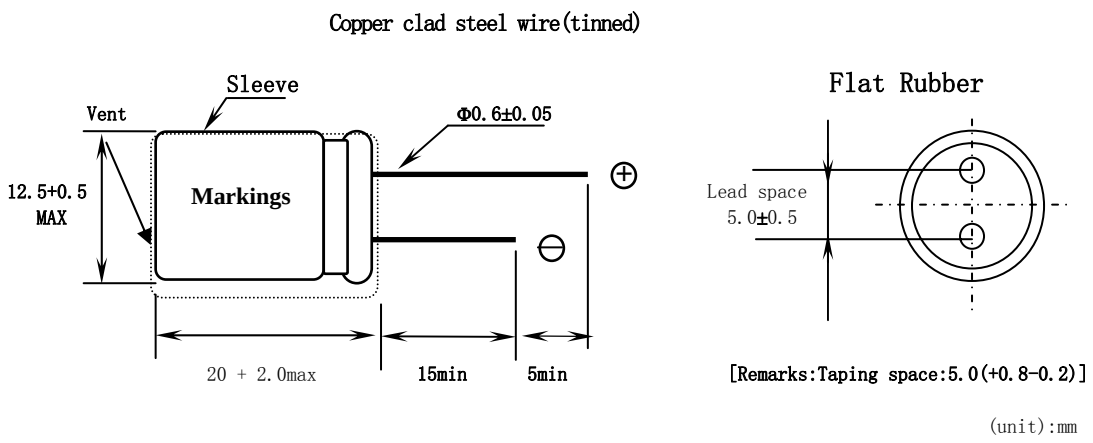
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	63 V 470 μF	Part No.	KLH-063V471MH200-T/A5.0
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.09 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 296.1μA (20℃ 63 V 2 min)
	Impedance (MAX)	0.08Ω(100KHZ,20℃)
	Ripple current (MAX)	1525 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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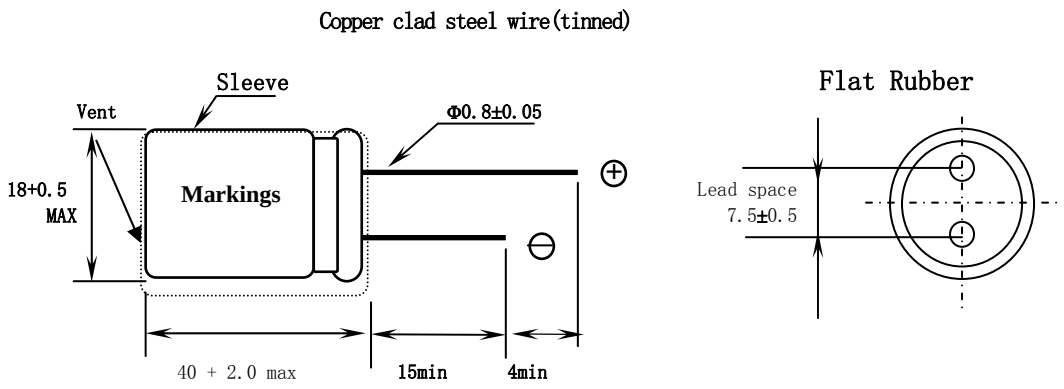
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	100 V 1000 μF	Part No.	KLH-100V102MK400
Customer No.	/		Case size	ΦD 18 X L 40

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.08 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than)1000 μA (20℃ 100 V 2 min)
	Impedance (MAX)	0.076Ω(100KHZ,20℃)
	Ripple current (MAX)	2500mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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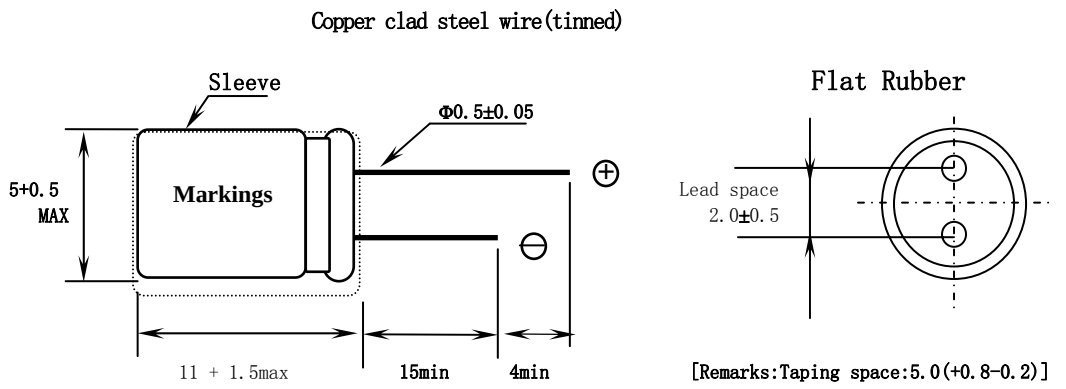
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	100 V 4.7 μF	Part No.	KLH-100V4R7MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.08 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 4.7 μA (20℃ 100 V 2 min)
	Impedance (MAX)	2.4Ω (100KHZ,20℃)
	Ripple current (MAX)	72mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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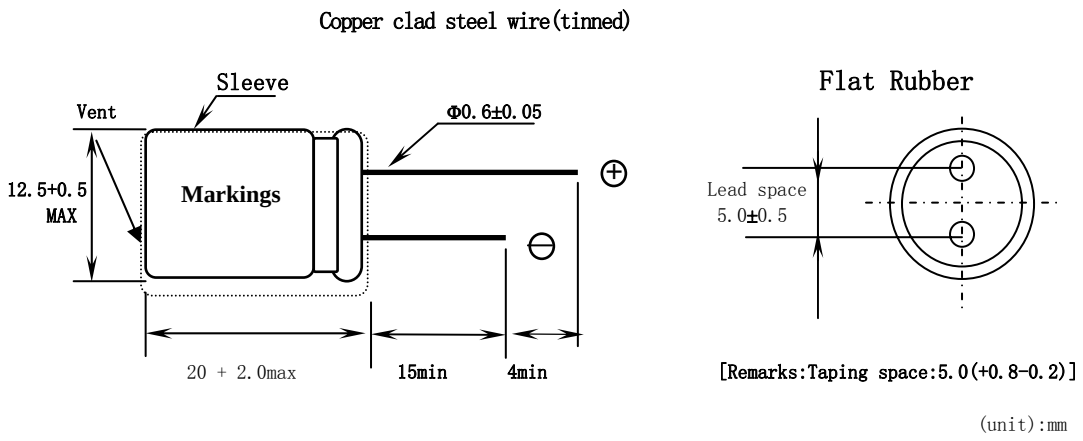
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	200 V 33 μF	Part No.	KLH-200V330KH200-T/A5.0
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 198μA (20℃ 200 V 2 min)
	Impedance (MAX)	1.05Ω(100KHZ,20℃)
	Ripple current (MAX)	440mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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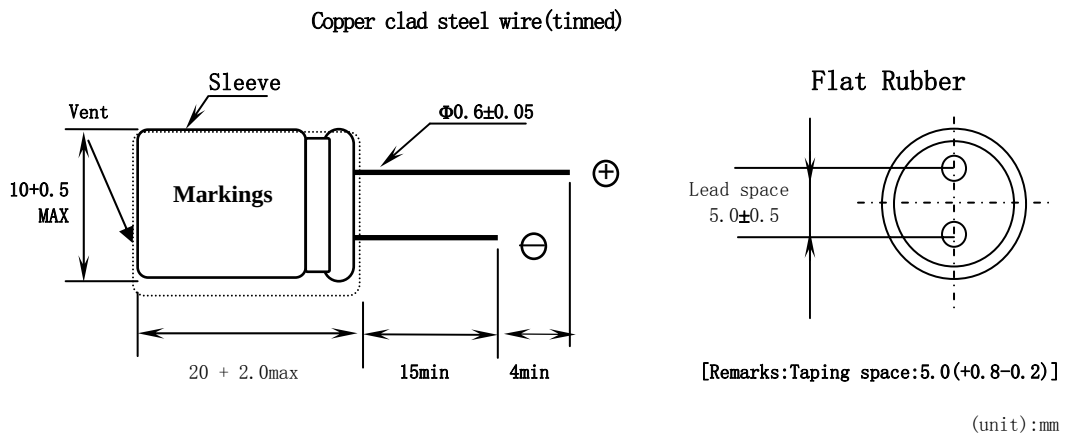
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 10 μF	Part No.	KLH-400V100MG200-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 120μA (20℃ 400 V 2 min)
	Impedance (MAX)	5.0 Ω(100KHZ,20℃)
	Ripple current (MAX)	183mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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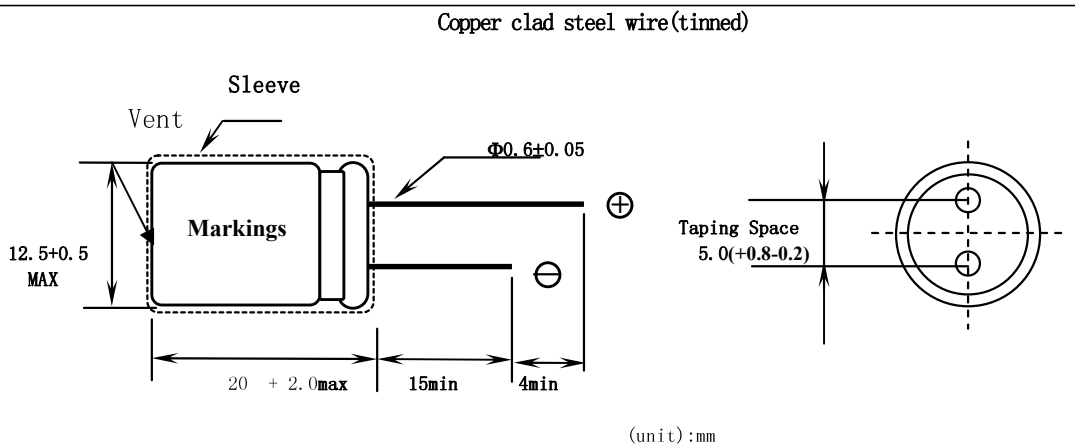
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 22 μ F	Part No.	KLH-400V220MH200-T/A5.0
Customer No.			Case size	ΦD12.5X L20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 264 μA (20℃ 400 V 2 min)
	Ripple current (MAX)	314 mArms (100KHz ,105℃)
	Impedance (MAX)	2.875 Ω (100KHz ,20℃)
	Load life	5000 hrs
Outline	Sleeving pipe basic	PVC
	(Dimensions)	



Recorder	(The first edition) :2011-9-3

Wrote by: YangPeng	Checked by: Dingchanghua	Approved by: Shenzhihong

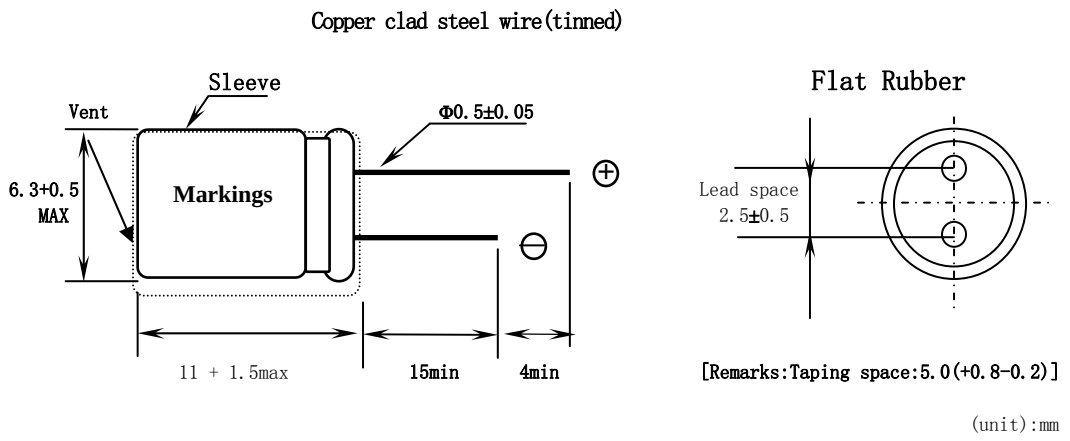
(Issue No.) : DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 2.2 μF	Part No.	KLH-400V2R2ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 26.4μA (20℃ 400 V 2 min)
	Impedance (MAX)	15Ω (100KHZ, 20℃)
	Ripple current (MAX)	50 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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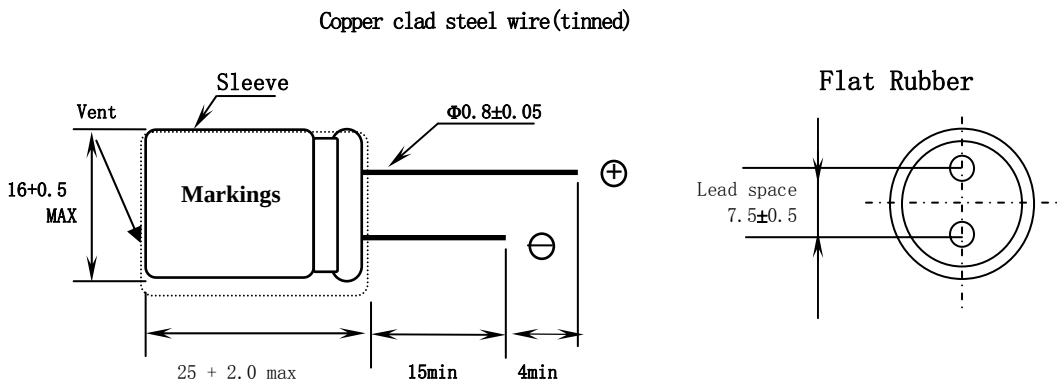
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 47 μF	Part No.	KLH-400V470KJ250
Customer No.	/		Case size	ΦD 16 X L 25

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than)564 μA (20℃ 400 V 2 min)
	Impedance (MAX)	1.5Ω(100KHZ,20℃)
	Ripple current (MAX)	560 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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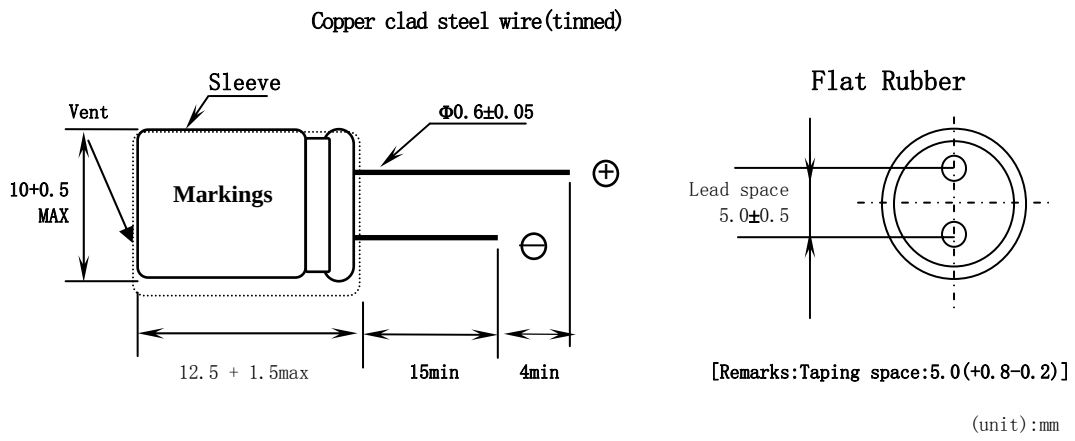
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 4.7 μF	Part No.	KLH-400V4R7KG125-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 12.5

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 56.4μA (20℃ 400 V 2 min)
	Impedance (MAX)	4.98Ω(100KHZ,20℃)
	Ripple current (MAX)	130 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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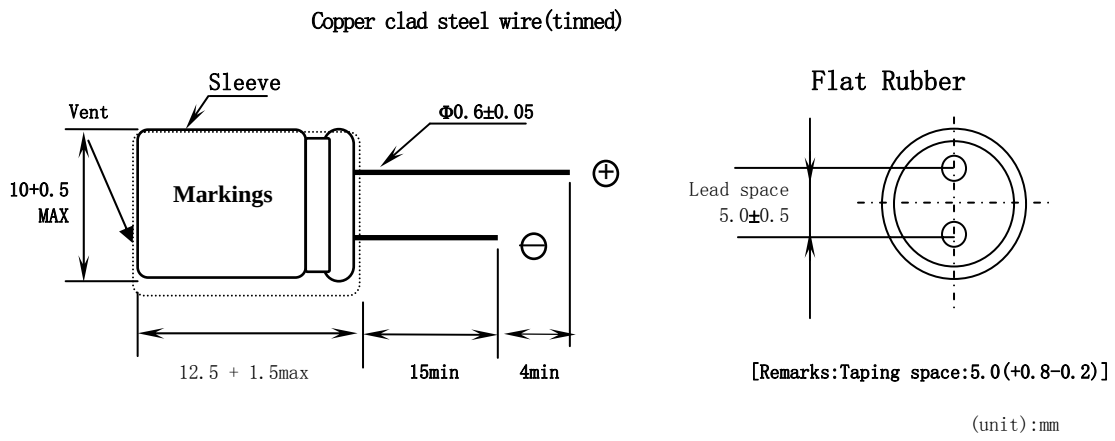
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 4.7 μF	Part No.	KLH-400V4R7MG125-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 12.5

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 56.4μA (20℃ 400 V 2 min)
	Impedance (MAX)	4.98Ω(100KHZ,20℃)
	Ripple current (MAX)	130 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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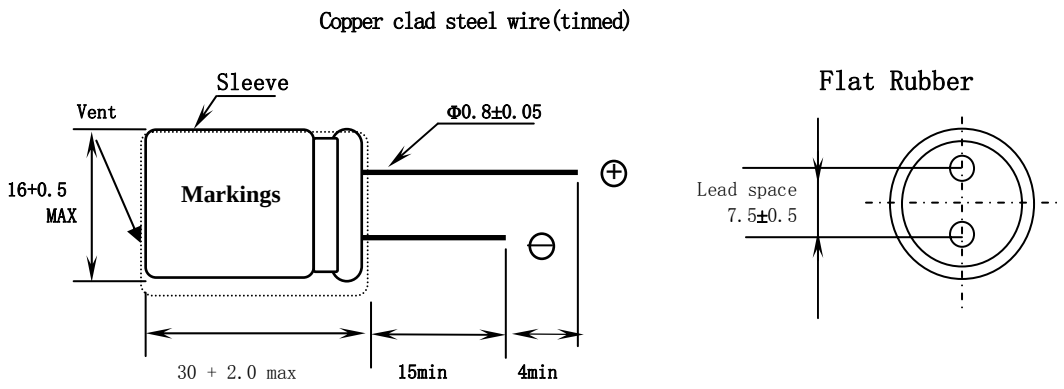
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 68 μF	Part No.	KLH-400V680KJ300
Customer No.	/		Case size	ΦD 16 X L 30

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±10% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 816 μA (20℃ 400 V 2 min)
	Impedance (MAX)	0.85Ω(100KHZ,20℃)
	Ripple current (MAX)	750mArms(100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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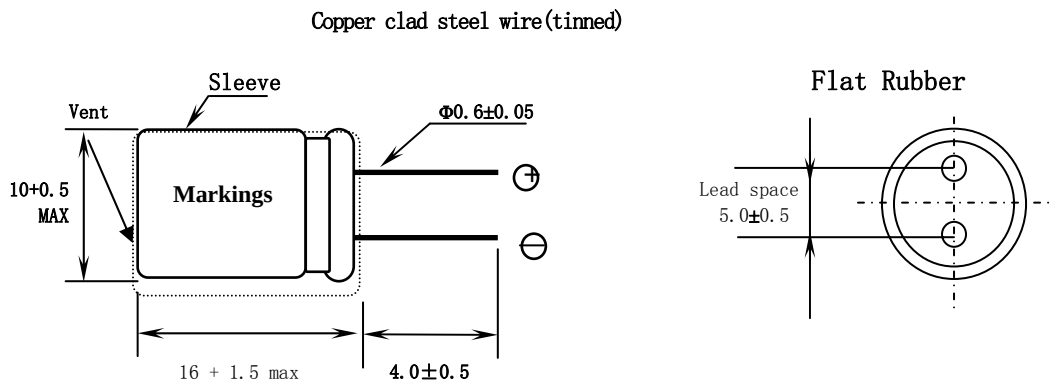
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 6.8 μF	Part No.	KLH-400V6R8MG160-L/C4.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 81.6 μA (20℃ 400 V 2 min)
	Impedance (MAX)	7.5Ω (100KHZ,20℃)
	Ripple current (MAX)	160mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31	

Wrote by: LUOLI	Checked by: DINGCHANGHUA	Approved by: SHENZHIHONG

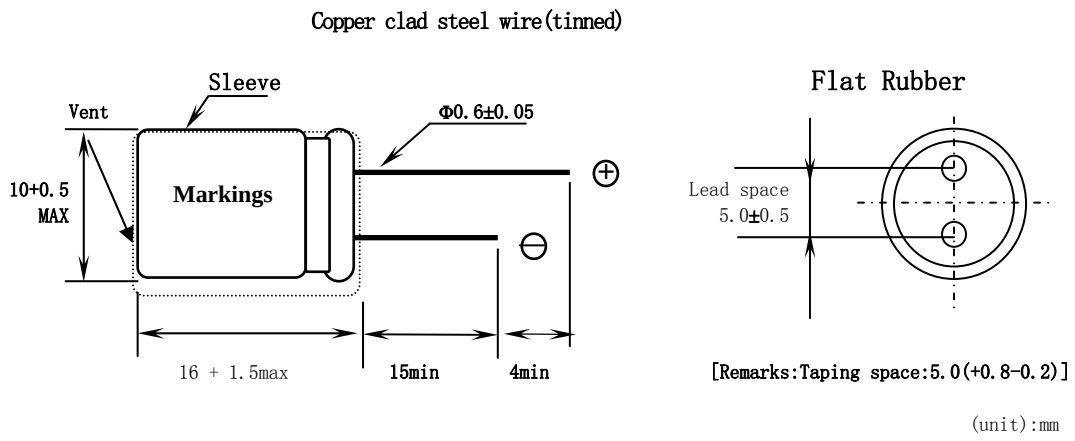
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	400 V 6.8 μF	Part No.	KLH-400V6R8MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 81.6 μA (20℃ 400 V 2 min)
	Impedance (MAX)	7.5Ω (100KHZ,20℃)
	Ripple current (MAX)	160 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31	

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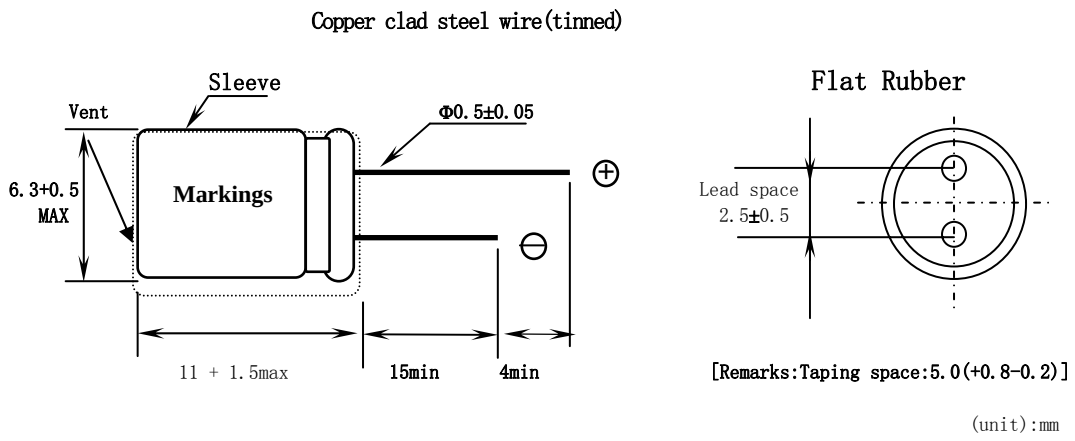
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 1 μF	Part No.	KLH-450V010ME110-T/A5.0
Customer No.	/		Case size	ΦD 6.3 X L 11

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 13.5 μA (20℃ 450 V 2 min)
	Impedance (MAX)	18Ω (100KHZ, 20℃)
	Ripple current (MAX)	38 mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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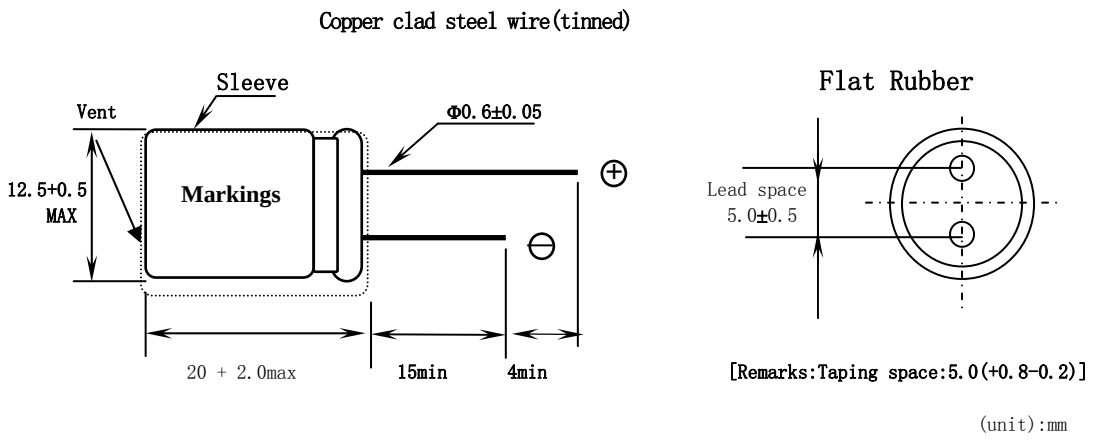
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 10 μF	Part No.	KLH-450V100MH200-T/A5.0
Customer No.	/		Case size	ΦD 12.5 X L 20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 135 μA (20℃ 450 V 2 min)
	Impedance (MAX)	4.58 Ω (100KHZ, 20℃)
	Ripple current (MAX)	277 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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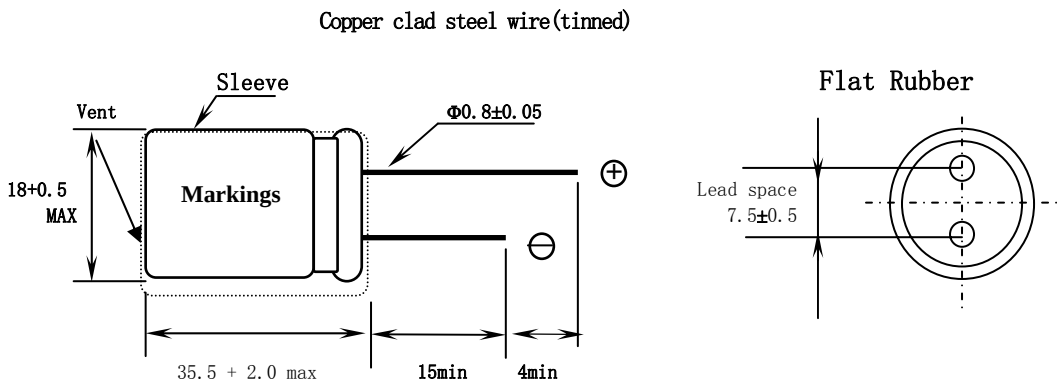
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 100 μF	Part No.	KLH-450V101MK355
Customer No.	/		Case size	ΦD 18 X L 35.5

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 1350 μA (20℃ 450 V 2 min)
	Impedance (MAX)	mArms (100KHz ,105℃)\
	Ripple current (MAX)	Ω (100KHZ, 20℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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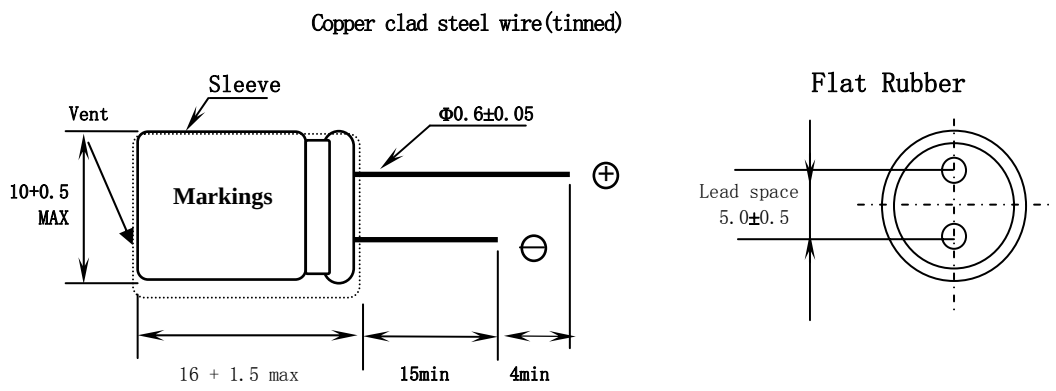
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 4.7 μF	Part No.	KLH-450V4R7MG160
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 63.45 μA (20℃ 450 V 2 min)
	Impedance (MAX)	7.0Ω (100KHZ,20℃)
	Ripple current (MAX)	170 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



Recorder	(The first edition) : 2016-10-31

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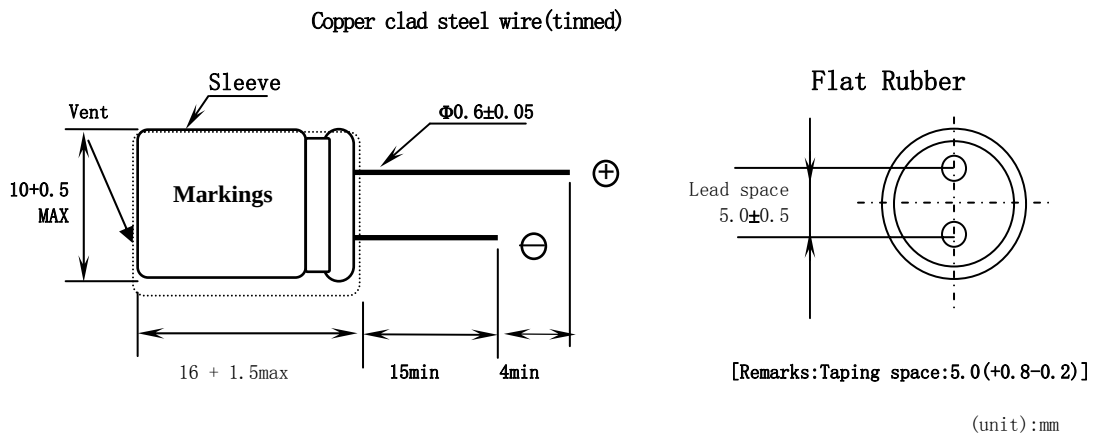
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 4.7 μF	Part No.	KLH-450V4R7MG160-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 63.45 μA (20℃ 450 V 2 min)
	Impedance (MAX)	7.0Ω(100KHZ,20℃)
	Ripple current (MAX)	170 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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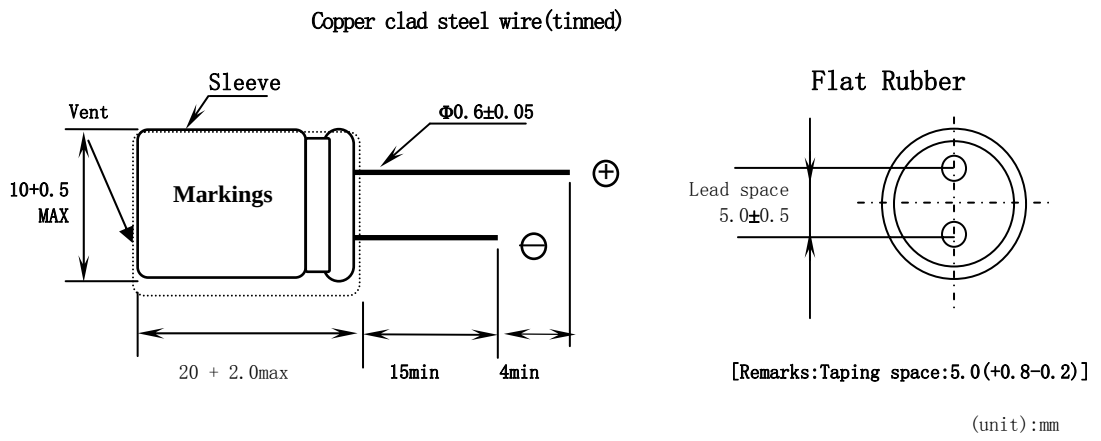
(Issue No.): DJJ-2875

KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 10 μF	Part No.	KLH-500V100MG200-T/A5.0
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 150 μA (20℃ 500 V 2 min)
	Impedance (MAX)	4Ω (100KHZ, 20℃)
	Ripple current (MAX)	190 mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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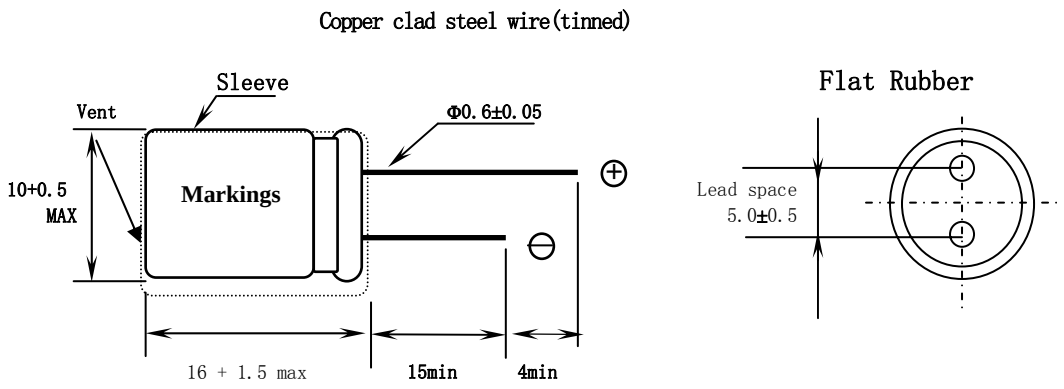
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 4.7 μF	Part No.	KLH-500V4R7MG160
Customer No.	/		Case size	ΦD 10 X L 16

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 70.5 μA (20℃ 500 V 2 min)
	Impedance (MAX)	6Ω (100KHZ, 20℃)
	Ripple current (MAX)	180mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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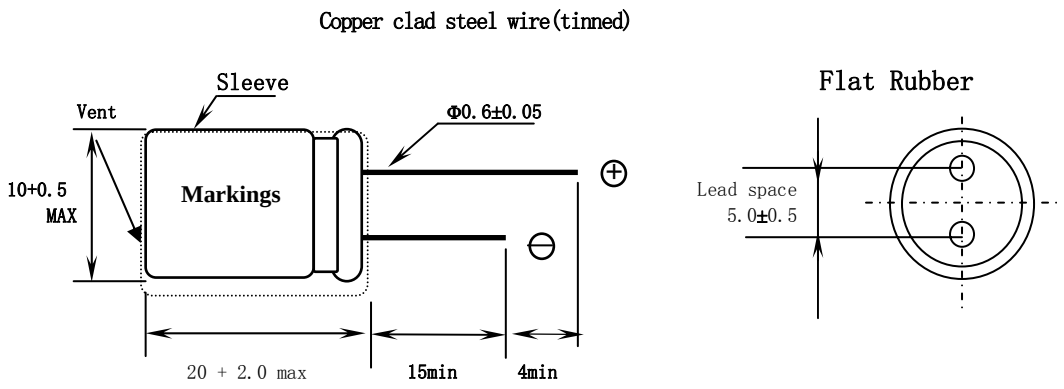
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 4.7 μF	Part No.	KLH-500V4R7MG200
Customer No.	/		Case size	ΦD 10 X L 20

Specification	Items	Standard
	Operating temperature range	- 25 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.15 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 70.5 μA (20℃ 500 V 2 min)
	Impedance (MAX)	5.5Ω (100KHZ,20℃)
	Ripple current (MAX)	190mArms (100KHz ,105℃)
	Load life	5000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



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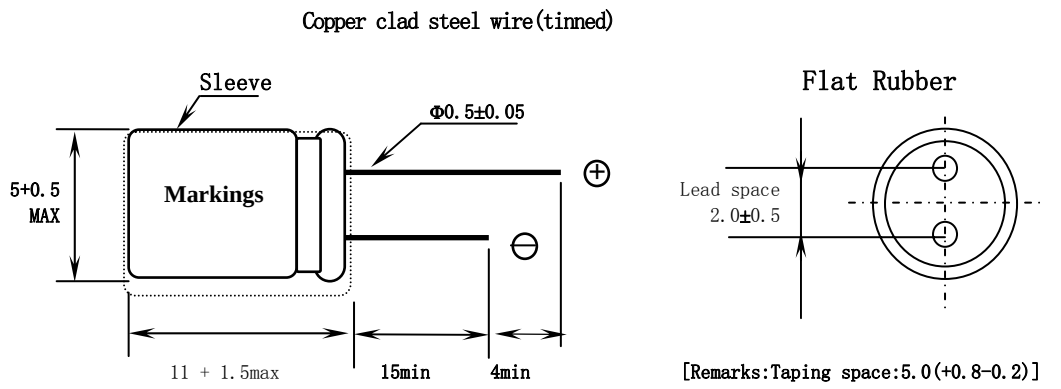
KOSHIN

Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 3.3 μF	Part No.	KLH-50V3R3MC110-T/A5.0
Customer No.	/		Case size	ΦD 5 X L 11

Specification	Items	Standard
	Operating temperature range	- 40 ~ + 105 ℃
	Capacitance tolerance	±20% (20℃ ,120Hz)
	Dissipation factor (MAX)	(Less than) 0.10 (20℃ ,120Hz)
	Leakage current (MAX)	(Less than) 3 μA (20℃ 50 V 2 min)
	Impedance (MAX)	2.4Ω (100KHZ,20℃)
	Ripple current (MAX)	45mArms (100KHz ,105℃)
	Load life	2000 hrs
Outline	Sleeve color	Deep Green
	Marking color	White
	(Dimensions)	



(unit):mm

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