

SPECIFICATION

Issue Date : 2014-8-4

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

CUSTOMER PART NO.:

SAXMON PART NO.: ERD336M2WK25RRDMF

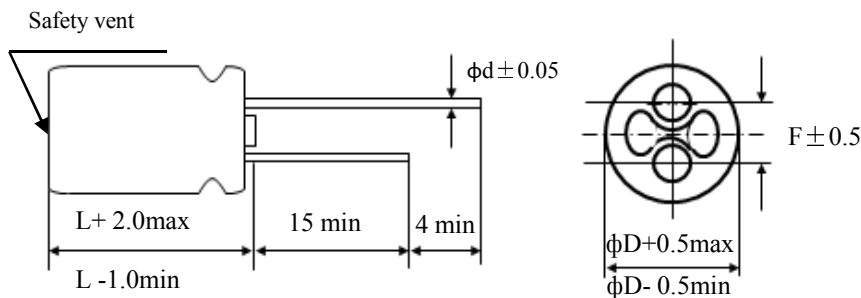
Operating Temp. Range -25~+105°C

Rated Capacitance	33	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	450	V.D.C
Surge Voltage	500	V.D.C
Tan δ	0.20	max. at 120Hz +20°C
Leakage Current	322	μA max. after 2 minutes
Ripple Current	390	mArms max. at +105°C 120Hz

Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -20%~+20% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value

Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).
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DIAGRAM OF DIMENSION (Unit:mm)



ϕD	16
L	25
F	7.5
ϕd	0.8

SAMXON

SPECIFICATION

Issue Date : 2014-7-3

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

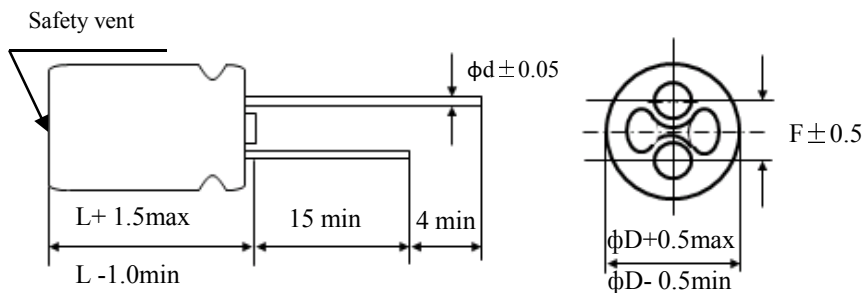
CUSTOMER PART NO.:

SAXMON PART NO.: ESH687M1EG16RRSHQ

Operating Temp. Range -40~+105°C

Rated Capacitance	680	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	25	V.D.C
Surge Voltage	32	V.D.C
Tan δ	0.14	max. at 120Hz +20°C
Leakage Current	170	μA max. after 2 minutes
Ripple Current	1760	mArms max. at +105°C 100kHz
Impedance	0.032	Ω at +20°C 100kHz
Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -25%~+25% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value
Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).	

DIAGRAM OF DIMENSION (Unit:mm)



ϕD	10
L	16
F	5.0
ϕd	0.6

SAMXON

SPECIFICATION

Issue Date : 2014-8-26

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

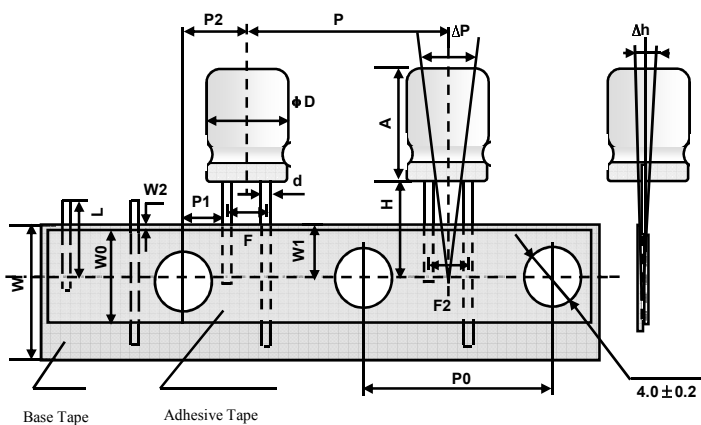
CUSTOMER PART NO.:

SAXMON PART NO.: ESH158M1CG20TCSHQ

Operating Temp. Range -40~+105°C

Rated Capacitance	1500	μ F at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	16	V.D.C
Surge Voltage	20	V.D.C
Tan δ	0.16	max. at 120Hz +20°C
Leakage Current	240	μ A max. after 2 minutes
Ripple Current	2500	mArms max. at +105°C 100kHz
Impedance	0.028	Ω at +20°C 100kHz
Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -25%~+25% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value
Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).	

DIAGRAM OF DIMENSION (Unit:mm)



Code	Dimension	Code	Dimension
ϕ D \pm 0.5	10	W+1 -0.5	18
A+2 -1	20	W0	7min
d \pm 0.05	0.5	W1 \pm 0.5	9
P \pm 1.0	12.7	W2	3max
P0 \pm 0.2	12.7	H	18.5
P1 \pm 0.5	3.85	L	11 max
P2 \pm 1.0	6.35	Δ h	2 max
F+0.8 -0.5	5	Δ P	1.3 max
F2+0.8 -0.5	5		

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SPECIFICATION

Issue Date : 2014-10-14

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

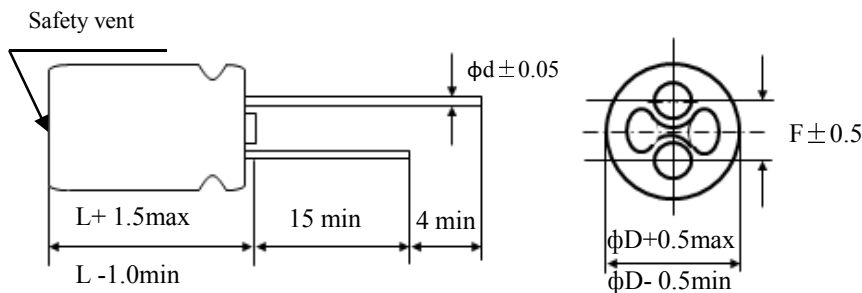
CUSTOMER PART NO.:

SAXMON PART NO.: ESH158M1AG16RRSHQ

Operating Temp. Range -40~+105°C

Rated Capacitance	1500	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	10	V.D.C
Surge Voltage	13	V.D.C
Tan δ	0.19	max. at 120Hz +20°C
Leakage Current	150	μA max. after 2 minutes
Ripple Current	1760	mArms max. at +105°C 100kHz
Impedance	0.032	Ω at +20°C 100kHz
Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -30%~+30% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value
Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).	

DIAGRAM OF DIMENSION (Unit:mm)



ϕD	10
L	16
F	5.0
ϕd	0.6

SAMXON

SPECIFICATION

Issue Date : 2014-10-18

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

CUSTOMER PART NO.:

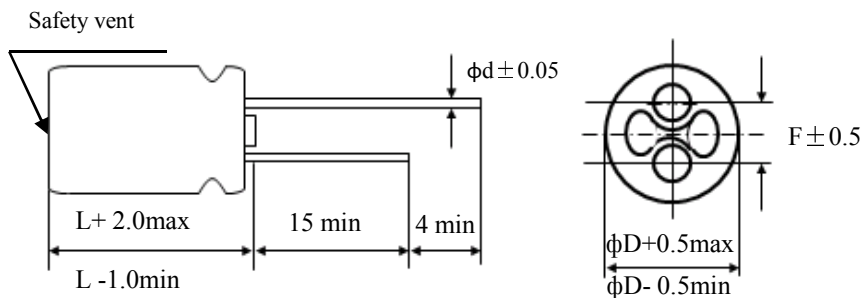
SAXMON PART NO.: ERT476M2EI20RRSRF

Operating Temp. Range -40~+105°C

Rated Capacitance	47	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	250	V.D.C
Surge Voltage	300	V.D.C
Tan δ	0.15	max. at 120Hz +20°C
Leakage Current	260	μA max. after 2 minutes
Ripple Current	480	mArms max. at +105°C 120Hz

Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 5000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -20%~+20% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value
Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).	

DIAGRAM OF DIMENSION (Unit:mm)



ϕD	12.5
L	20
F	5.0
ϕd	0.6

SAMXON

SPECIFICATION

Issue Date : 2014-10-31

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

CUSTOMER PART NO.:

SAXMON PART NO.: ERT476M2EI20RRSHR

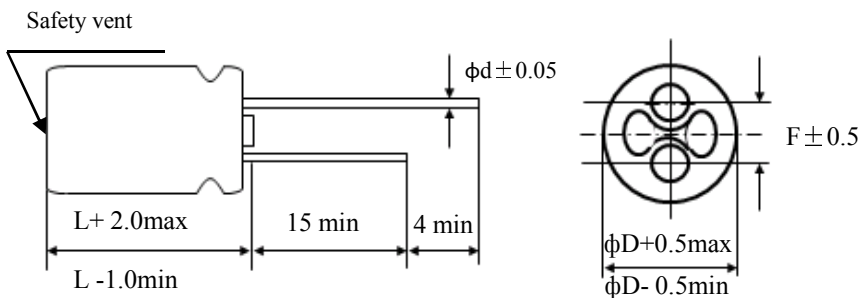
Operating Temp. Range -40~+105°C

Rated Capacitance	47	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	250	V.D.C
Surge Voltage	300	V.D.C
Tan δ	0.15	max. at 120Hz +20°C
Leakage Current	260	μA max. after 2 minutes
Ripple Current	480	mArms max. at +105°C 120Hz

Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 5000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -20%~+20% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value

Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C,the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).
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DIAGRAM OF DIMENSION (Unit:mm)



ϕD	12.5
L	20
F	5.0
ϕd	0.6

SAMXON

SPECIFICATION

Issue Date : 2014-6-5

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

CUSTOMER PART NO.:

SAXMON PART NO.: ERD686M2WL24RRSAP

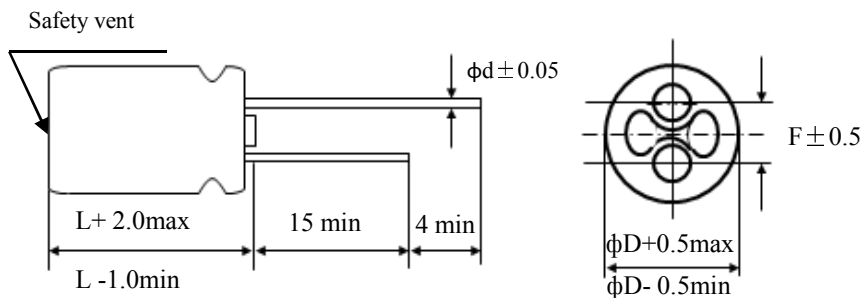
Operating Temp. Range -25~+105°C

Rated Capacitance	68	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	450	V.D.C
Surge Voltage	500	V.D.C
Tan δ	0.20	max. at 120Hz +20°C
Leakage Current	637	μA max. after 2 minutes
Ripple Current	580	mArms max. at +105°C 120Hz

Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -20%~+20% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value

Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).
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DIAGRAM OF DIMENSION (Unit:mm)



ϕD	18
L	24
F	7.5
ϕd	0.8

SAMXON

SPECIFICATION

Issue Date : 2014-7-2

Revision Date:

ALUMINUM ELECTROLYTIC CAPACITOR

CUSTOMER PART NO.:

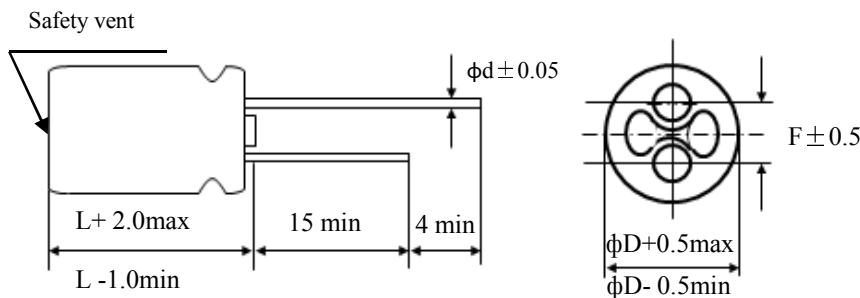
SAXMON PART NO.: ERD476M2WK25RRSHP

Operating Temp. Range -25~+105°C

Rated Capacitance	47	μF at 120Hz +20°C
Capacitance Tolerance	-20~+20	% at +20°C
Rated Working Voltage	450	V.D.C
Surge Voltage	500	V.D.C
Tan δ	0.20	max. at 120Hz +20°C
Leakage Current	448	μA max. after 2 minutes
Ripple Current	500	mArms max. at +105°C 120Hz

Endurance	The capacitor shall be subjected to application of the D.C.voltage with full rated ripple current in an ambient temperature of +105°C \pm 2°C for a period of 10000 hours.After stability at +20°C, the capacitor shall not exceed the specified values listed below.(The sum of D.C voltage and ripple peak voltage shall not exceed the rated working voltage).	
	Capacitance Change	Within -20%~+20% of the initial measured value
	Tan δ	Less than 200% of the initial specified value
	D.C. Leakage Current	Less than initial specified value
Shelf Life Test	The capacitor shall be held at +105°C \pm 2°C for 1000 hours with no voltage applied.After stability at +20°C, the capacitor shall not exceed the specified values listed Endurance(With voltage treatment).	

DIAGRAM OF DIMENSION (Unit:mm)



ϕD	16
L	25
F	7.5
ϕd	0.8

SAMXON

