

Products Lineup

Aluminum Electrolytic Capacitors

105℃ Radial Lead Type Aluminum Electrolytic Capacitors KMG Series

EKMG500ELL102MK25S

StandardControl Circuit etc

Solvent Resistance

RoHS

Not Recommended for New Design

Part Number	EKMG500ELL102MK25S	
Status	To Be Discontinued	Search for alternatives
Successor Model	KMQ/KOJ series	
Series	KMG	
Polarity	Polar	
Category Temperature Range	-55~105 ℃	
Rated Voltage	50 Vdc	
Capacitance	1000 μF	
Capacitance Tolerance	-20~20%(M) / 20℃, 120Hz	
Dimensions ϕ D	12.5mm	
Dimensions L	25mm	
Rated Ripple Current	950mA rms / 105℃ / 120Hz	
Leakage Current	1500 μA max / 20℃, after 1 minute	
Dissipation Factor (tanδ)	0.12 max / 20℃, 120Hz	
Endurance Temperature/Time/Overload	105℃ / 1000hrs / DC+Ripple	
Shelf Life Temperature/Time	105℃ / 1000hrs	
Terminal Coating	Sn	
Reference Weight	4.7g	
Minimum Order Quantity	1000 pcs	
RoHS Compliant	Compliant	

Print Preview

>

Stock at Distributors

Distributors

Stock quantity

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Design Tools・Documents

Catalog Data

Lifetime Estimation

3D-CAD Data

RoHS, REACH/SVHC Reports (Downloads)

Rated Ripple Current Multipliers

Frequency Multipliers

Frequency [Hz]	50	120	300	1k	10k	100k
Multipliers	0.80	1.00	1.15	1.30	1.40	1.50

- Products Guide
- Product Code Guide

Precautions And Guidelines

Taping, Lead-Preforming And Packaging

Minimum Order Quantity

Recommended Soldering Conditions

Standardization And Obsolete Products

Overseas Production Base

Technical Notes

About Environmental Measures

Catalog (Full Page)

Dimension [mm]

Part Numbering System

Products Lineup

Product Search/Purchase Samples

Aluminum Electrolytic Capacitors

Multilayer Ceramic Capacitors

Film Capacitors

Supercapacitors

Metal Oxide Varistors

Inductors (Coils/Cores)

Camera Module

Wafer

Module

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Design Tools

Lifetime Estimation

3D-CAD

Reliability test data

SPICE/S parameters

Application guides

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