

Products Lineup

Aluminum Electrolytic Capacitors



105°C Radial Lead Type Aluminum Electrolytic Capacitors KXG Series

EKXG401ELL820MM25S

Long Life

High Ripple

Power Supply Input Smoothing etc

RoHS

Not Recommended for New Design

Part Number	EKXG401ELL820MM25S
Status	NRND
Successor model	KXJ/KXN series
Series	KXG
Polarity	Polar
Category Temperature Range	-40~105 °C
Rated voltage	400 Vdc
Capacitance	82 μF
Capacitance Tolerance	-20~20%(M) / 20°C, 120Hz
Dimensions φ D	18mm
Dimensions L	25mm
Rated ripple current	610mA rms / 105°C / 120Hz 1525mA rms / 105°C / 100kHz
Leakage current	1410 μA max / 20°C, after 1 minute 681 μA max / 20°C, after 5 minutes
Dissipation Factor (tanδ)	0.24 max / 20°C, 120Hz
Endurance Temperature/Time/Overload	105°C / 10000hrs / DC+Ripple
Shelf Life Temperature/Time	105°C / 1000hrs
Terminal Coating	Sn
Reference weight	11g
Minimum order quantity	500 pcs
RoHS Compliant	Compliant

Print preview

Design Tools · Documents

Catalog Data

3D-CAD Data

RoHS, REACH/SVHC Reports (Downloads)

Products Guide

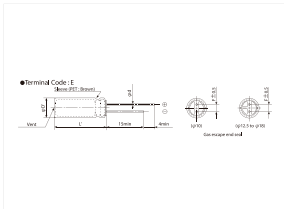
- Product code guide
- Precautions and guidelines
- Taping, lead-preforming and packaging
- Minimum order quantity
- Recommended soldering conditions
- Standardization and obsoleted products
- Overseas production base
- Technical notes
- Catalog (Full page)
- About environmental measures

Rated ripple current multipliers

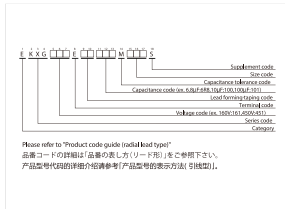
Frequency multipliers

Frequency [Hz]	120	1k	10k	100k
Multipliers	1.00	1.75	2.25	2.50

Dimension [mm]



Part Numbering System



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Products Lineup	Product Search/Purchase Samples	Aluminum Electrolytic Capacitors	Multilayer Ceramic Capacitors	Film Capacitors
	Supercapacitors	Metal Oxide Varistors	Inductors (Coils/Cores)	Camera Module
	Wafer			

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Company/IR

- News
- Company
- Sustainability
- Investor Relations
- Material Procurement

Design Tools

Lifetime Estimation	SPICE/S parameters
3D-CAD	The recommended series according to application
Reliability test data	

Distributors

- in US
- in Europe

Downloads

FAQ/Contact us

Products FAQs	Products Inquiries
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