Products Lineup

Aluminum Electrolytic Capacitors

105℃ Radial Lead Type Aluminum Electrolytic Capacitors KMG Series

EKMG500ELL102MK25S

Standard | Control Circuit etc

Solvent Resistance | RoHS

Not Recommended for New Design

Part Number	EKMG500ELL102MK25S
Status	NRND
Successor model	KMQ/KXJ 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 ⌀ D	12.5mm
Dimensions L	25mm
Rated ripple current	950mArms / 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

Design Tools・Documents

- Catalog Data
- 3D-CAD Data
- RoHS, REACH/SVHC Reports (Downloads)

Products Guide

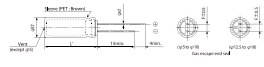
- Product code guide
- Precautions and guidelines
- Taping, lead-preforming and packaging
- Minimum order quantity
- Recommended soldering conditions
- Standardization and obsoleted products
- Overseas production base
- Technical notes
- Catalog (Full page)
- About environmental measures

Rated ripple current multipliers

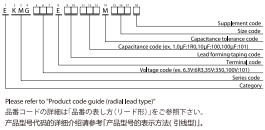
Frequency multipliers

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

Dimension [mm]



Part Numbering System



Please refer to "Product code guide (radial lead type)"
品番コードの詳細は「品番の表し方（リード形）」をご参照下さい。
产品型号代码的详细介绍请参考「产品型号的表示方法（引线型）」。

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