



## Products Lineup

## Aluminum Electrolytic Capacitors

105°C Snap-in Type Aluminum Electrolytic Capacitors KMV Series  
EKMV451VSN681MA60S

Charge and discharge application

Servo/Inverter Controller etc

## Product Information

## Short-time Operating Voltage

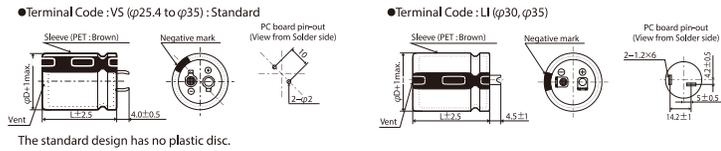
Part Number	EKMV451VSN681MA60S	Status	In Production
Series	KMV	Polarity	Polar
Category Temperature Range	-25~105 °C	Rated Voltage	450 Vdc
Capacitance	680 $\mu$ F	Capacitance Tolerance	-20~20%(M) / 20°C, 120Hz
Dimensions $\varnothing$ D	35mm	Dimensions L	60mm
Rated Ripple Current	2260mArms / 105°C / 120Hz	Leakage Current	1650 $\mu$ A max / 20°C, after 5 minutes
Dissipation Factor (tan $\delta$ )	0.2 max / 20°C, 120Hz	Max. Charging and Discharging Current	1.42 Arms / 6Hz
Number of Charging/Discharging Cycles	5,000 $\times$ 10 <sup>4</sup> times	Endurance Temperature/Time/Overload	105°C / 3000hrs / DC+Ripple
Shelf Life Temperature/Time	105°C / 1000hrs	Terminal Coating	Sn
Reference Weight	83g	Minimum Order Quantity	200 pcs
RoHS Compliant	Compliant		

## Rated Ripple Current Multipliers

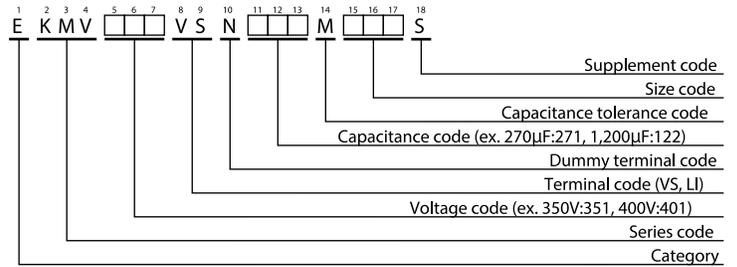
## Frequency Multipliers

Frequency [Hz]	50	120	300	1k	10k	50k
Multipliers	0.77	1.00	1.16	1.30	1.41	1.43

## Dimension [mm]



## Part Numbering System



Please refer to "Product code guide (snap-in type)"

品番コードの詳細は「品番の表し方(基板自立形)」をご参照下さい。  
 产品型号代码的详细介绍请参考「产品型号的代表方法(基板自立型)」。