

# PLASTIC FILM CAPACITORS

## MKC-JS Series

•Resin-encased Metalized Polyester Film Capacitors

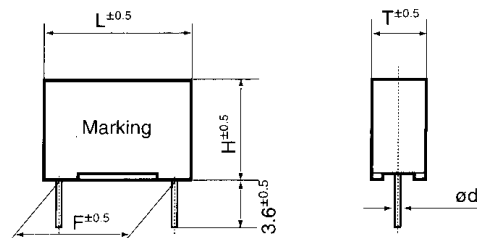
The MKC-JS Series was developed to offer capacitors having an increased moisture resistance for wide use in automotive electrical components, communications devices, and other electronic equipment. It guarantees a rated voltage load of 85°C, 85% RH, and 500 hours.

- The employed case and resin parts are made of 94 V-0 flame resistant material.
- A lead pitch of 10 mm is employed for the entire series.

Items	Specifications
Temperature range	-40°C to +105°C
Rated voltage	100 V.DC
Capacitance Tolerance	±10% (K),
Dielectric dissipation factor	Less than 0.8% (20°C, 1KHz)
Withstanding voltage	Between terminals Rated volt X 1.5 1min.
	Between terminal & outside covering Rated volt x 2.0/1 to 5 sec.
Insulation resistance	$C_R \leq 0.33\mu\text{F}$ More than 9,000MΩ
	$C_R > 0.33\mu\text{F}$ More than 3,000Ω•μF
Others	Subject to JIS C 5115 and JIS C 5102



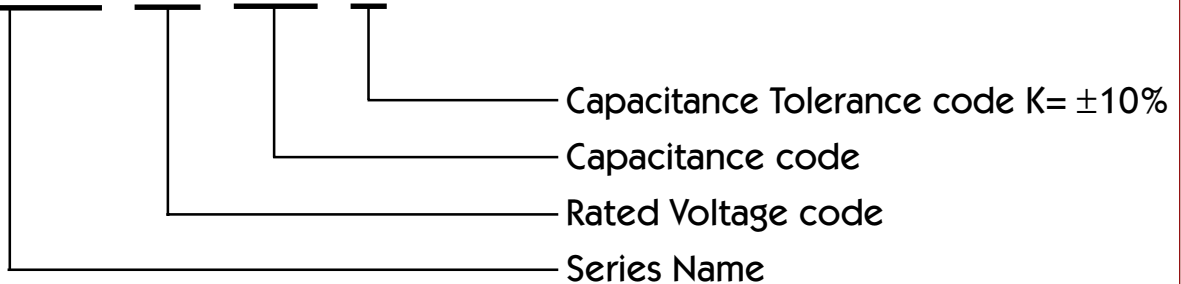
### Drawings and dimensions



### Product Numbering System for MKC-JS Series

Example: MKC-JS Series, 100V.DC, 1.0μF ±10% (Taping not available)

**MKC-JS 2A 105 K**



Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Dimensions			Quantity
				T x H x L	F	d	
100 Volts DC (Code: 2A)	MKC-JS2A104K	0.10	±10%	4.0 x 10.0 x 13.0	10.0	0.6	Bulk
	MKC-JS2A154K	0.15	±10%	4.0 x 10.0 x 13.0	10.0	0.6	Bulk
	MKC-JS2A224K	0.22	±10%	4.0 x 10.0 x 13.0	10.0	0.6	Bulk
	MKC-JS2A334K	0.33	±10%	4.0 x 10.0 x 13.0	10.0	0.6	Bulk
	MKC-JS2A474K	0.47	±10%	5.0 x 11.5 x 13.0	10.0	0.6	Bulk
	MKC-JS2A684K	0.68	±10%	5.0 x 11.5 x 13.0	10.0	0.6	Bulk
	MKC-JS2A105K	1.0	±10%	6.0 x 12.0 x 13.0	10.0	0.6	Bulk
	MKC-JS2A155K	1.5	±10%	7.5 x 13.5 x 13.0	10.0	0.6	Bulk

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