COMPONENT SPECIFICATION

SERIES NAME	MOTOR RUN CAPACITOR
DEKI SERIES NO.	220

GIVEN BY: DEKI ELECTRONICS LTD •

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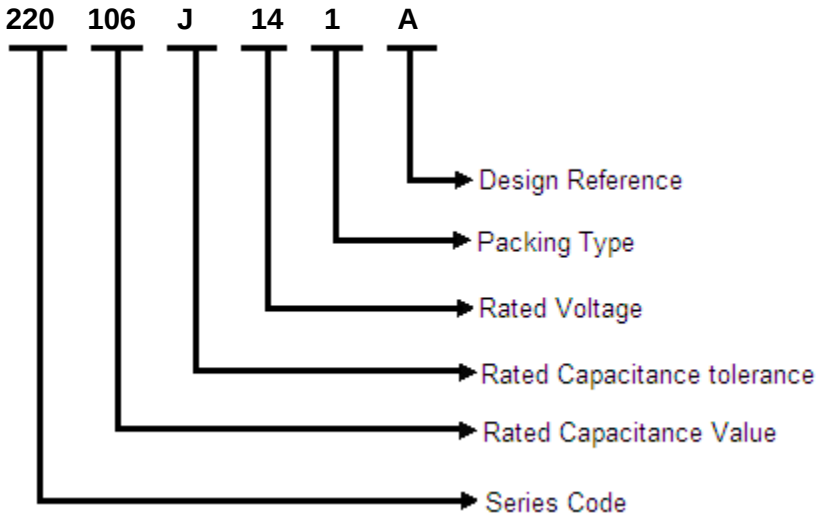
Part Number Description



Rated Capacitance

Three-digit (105) indicate rated capacitance in Pico Farad (First two digits indicate value & third digit indicates number of zeroes to be suffixed to first two digits).
For example:

103	=	10×10^3	=	10000 pF	=	10 nF	=0.01 µF
104	=	10×10^4	=	100000 pF	=	100 nF	=0.1 µF
105	=	10×10^5	=	1000000 pF	=	1000 nF	=1 µF
106	=	10×10^6	=	10000000 pF	=	10000 nF	=10 µF

Capacitance Tolerance

In 3rd group of the part number-
F = ±1%, G = ±2%, H = ±2.5%, I = ±3.5%, J = ±5%, K = ±10%, L = ±15%, M = ±20%, N = ±40%

Rated Voltage

In 4th group of the part number, two numeric digits indicate AC voltage rating.

Rated Voltage Codification

For AC Rated Voltage															
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
190 VAC	250 VAC	275 VAC	305 VAC	310 VAC	440 VAC	500 VAC	600 VAC	700 VAC	63 VAC	230 VAC	330 VAC	400 VAC	450 VAC	350 VAC	300 VAC

Packing Type

1- Bulk Packing

Motor run Capacitors

Features

- Good Self-healing properties
- Minimal internal power losses
- High insulation resistance
- IS 2993 compliance
- Wide climatic category
- RoHS Compliance

Construction

- Dielectric: polypropylene film
- Plastic case
- Polyurethane Resin
- Dry type

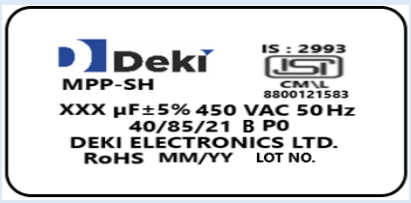
Terminals

- Wire type

Applications

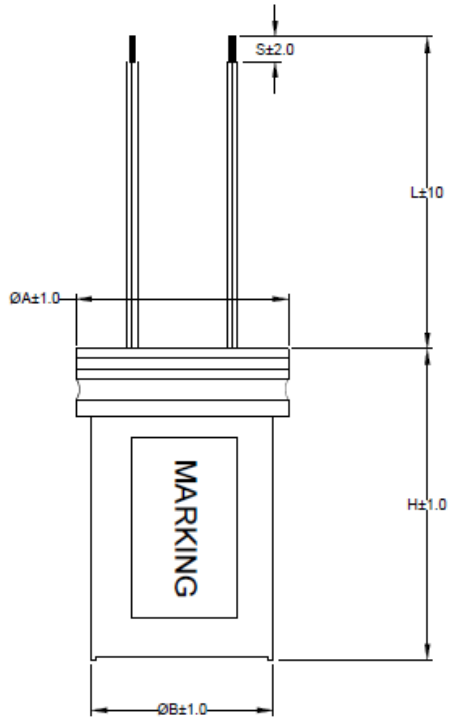
- To be used as motor run capacitor.

Reference Data

Climatic testing class according to IEC 60068-1	40/85/21
Rated Capacitance	5 to 12 MFD
Rated temperature	85°C
Rated Voltage	450 VAC
Reference standards	IS : 2993-1998
Dielectric	Metallized Polypropylene
Safety Approval Mark	P0
Class of Operation	Class-B
Frequency	50 Hz
Encapsulation	Encased in Plastic Round Can filled with resin
Leads	Wire type
Marking	

RoHS Compliance

Dimension Description



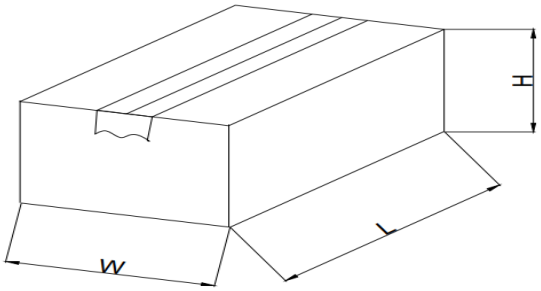
Part Number	Capacitance (µF±5%)	Voltage (VAC)	Diameter (øA±1.0)	Diameter (øB±1.0)	Height (H±2.0)	Wire Length (L±5mm)	Striping (S±2.0)	Wire Spec.
220 805 J 14 1 *	8.0	450	40	35	60	420	10	16/0.2
220 106 J 14 1 *	10.0	450	40	35	60	420	10	16/0.2
220 126 J 14 1 *	12.0	450	40	35	60	420	10	16/0.2

All dimensions are in mm

Specific Data

Description	Value
Maximum tangent of loss angle (Tanδ)	≤0.002 at 1 kHz
Voltage proof test between leads	2 times of Rated Voltage at 2 Sec. (Routine test)
	2 times of Rated Voltage at 60 Sec. (Type test)
Insulations resistance or time constant ($C_R \times R_{IS}$) between leads at 500 Vdc	≥3000s
Maximum Rate of Voltage rise (dv/dtmax)	10v/μs

Packing Type



Capacitor Size	L	W	H	Quantity
40x60	250	250	100	25

Disclaimer

Perform to the offered specifications.
Appropriateness of use in a specific circuit and fitness to a particular application however needs to be verified and its reliability through expected lifetime is required to be validated by the customer. Deki's responsibility is limited to ensuring that the capacitor performs as claimed in the specification/ data sheets provided by Deki. Deki specifically disclaims any implied warranties of fitness for any particular purpose. Liability, in any case is limited to the price paid for the capacitors.