COMPONENT SPECIFICATION

SERIES NAME	Metallized Polypropylene Film Capacitors for Air conditioner
DEKI SERIES NO.	222

GIVEN BY: DEKI ELECTRONICS LTD

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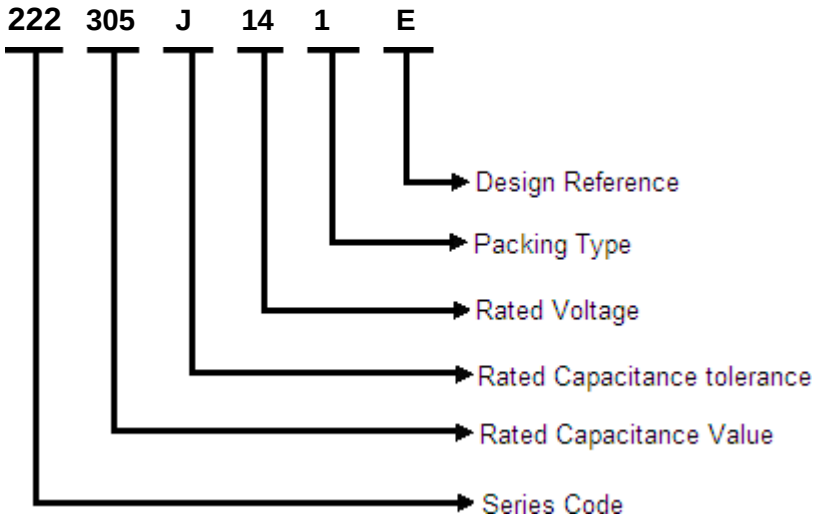
Part Number Description



Three-digit (804) 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, one numeric digit and one letter (Ex.-2A) indicate DC voltage rating while two numeric digits (Ex.06) 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
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

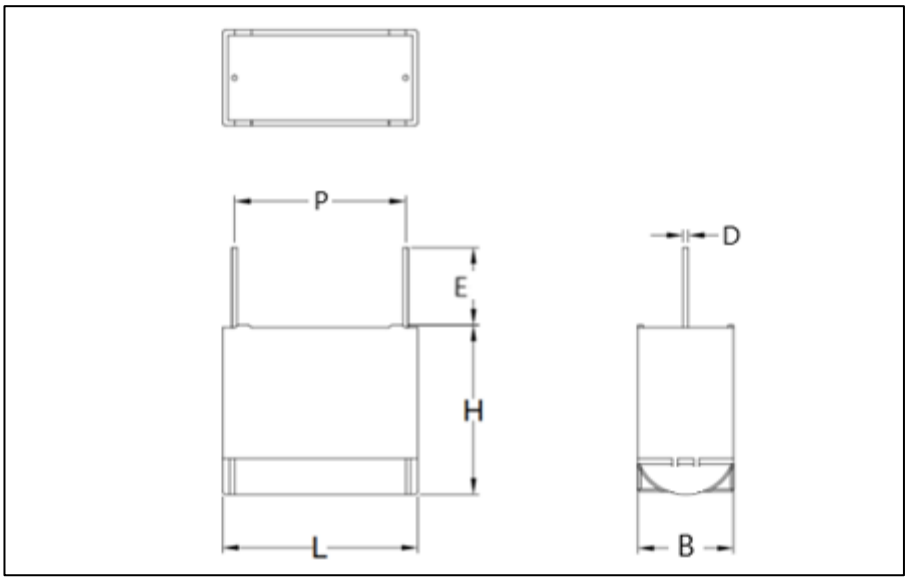
Packing Type

1: Bulk packing (original pitch)

Reference Data

CR	1µF - 20µF
Tol.	±5%, ±10%
Climatic testing class according to IEC 60068-1	40/85/21
Maximum application temperature	85°C
Reference standards	IS 2993
Dielectric	Polypropylene film
Electrodes	Metallized
Construction	Mono
Safety Approval Mark	S0/P0
Class of Operation	Class-B
Rated Voltage(VR)	450 VAC, 50Hz
Leads	Tinned wire
Encapsulation	Encased in PBT box filled with epoxy resin

Dimension Description



Item Code	Cap. (µF)	Tolerance **	B (±1.0)	H (±1.0)	L (±1.0)	*E (Min.)	Pitch (P) (±0.5)	D (±0.1)
222 155 J 14 1 E	1.5	±5%	12.5	24.0	36.0	15.0	32.0	1.0
222 255 J 14 1 E	2.5	±5%	18.0	32.0	36.0	15.0	32.0	1.0
222 305 J 14 1 E	3.0	±5%	18.0	32.0	36.0	15.0	32.0	1.0

All dimensions in mm

*Short lead available on request

**Other tol. Available on request

Intermediate values available on request

Specific Data

Description	Value
Maximum tangent of loss angle (Tanδ)	≤0.002 at 100Hz
Insulations resistance between leads at 500 VDC/60 sec.	≥3000 MΩ @ µF
Voltage proof test between leads	2 x VR for 2 sec. Routine test
	2 x VR for 60 sec. Type test
Voltage proof test between lead to case	≥2000 VAC for 60 sec. Type test

Endurance Test

Voltage: 1.25 x VR

Temperature: 85°C

Duration: 2000 hours.

After The Test

ΔC/C : ≤ 3% of initial value.

Tanδ : ≤0.002 at 50 Hz

Disclaimer

All our capacitors are designed, manufactured and tested to specifications. We strictly adhere to standards in procurement of materials, in the laid down manufacturing processes and consistently apply stringent process controls and testing parameters. This ensures that our capacitors always 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.

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