

NW SERIES

Rectangular PP. can construction with resin top and flexible multistrand wire leads out

Metallized Polypropylene (MPP) Capacitors are film Capacitors, made out of two Al-Zn metallized films with plastic film acting as dielectric. NW series MPP Rectangular Capacitors are with resin top sealing, flexible multistrand copper wire leads out and encapsulated in PP can.

1. SPECIFICATIONS

Series	NW Series
Type	Metallized Polypropylene AC fan motor Capacitor
Reference Standard	IS1709: 1984
Rated Voltage	440 Vac
Rated Frequency	50/60 Hz
Climatic Category	-25/85°C/21
Type	MPP-SH
Safety Protection	P0
Capacitance Range	1 to 4 μ F
Capacitance Tolerance	\pm 5%

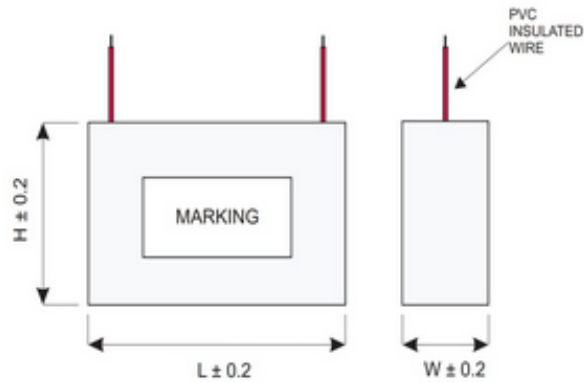
2. OTHER INFORMATION

Type of packing and Lead configuration	Bulk. Multistrand copper wire leads out.
Capacitor codification system	Refer section 6 for details
Dimensional specification	Refer section 4 for details
Marking specification	Refer section 7 for details

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3. PHYSICAL OUTLINE



All Dimensions are in “mm”

4. DIMENSIONS (All units in mm)

Case code	Length $L \pm 0.2$ (mm)	Width $W \pm 0.2$ (mm)	Height $H \pm 0.2$ (mm)
SDJ	38	15	26
SEJ	38	17	26
SFK	38	19	28
TFK	48	19	28

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5. STANDARD RATING TABLE

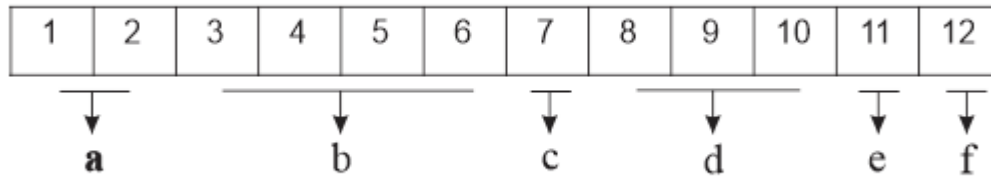
Part Number	Rating (μ F)	Length $L\pm 0.2$ (mm)	Width $W\pm 0.2$ (mm)	Height $H\pm 0.2$ (mm)	Case Code	Wire Length (mm)
NW01R0GSDJEG	1	38	15	26	SDJ	135 \pm 5
NW01R0GSEJEG		38	17	26	SEJ	135 \pm 5
NW1R25GSDJEG	1.25	38	15	26	SDJ	135 \pm 5
NW1R25GSEJEG		38	17	26	SEJ	135 \pm 5
NW01R5GSDJEG	1.5	38	15	26	SDJ	135 \pm 5
NW01R5GSEJEG		38	17	26	SEJ	135 \pm 5
NW01R7GSDJEG	1.7	38	15	26	SDJ	135 \pm 5
NW01R7GSEJEG		38	17	26	SEJ	135 \pm 5
NW1R85GSEJEG	1.85	38	17	26	SEJ	135 \pm 5
NW02R0GSEJEG	2	38	17	26	SEJ	135 \pm 5
NW2R25GSEJEG	2.25	38	17	26	SEJ	135 \pm 5
NW2R25GSEJEG		38	19	28	SFK	135 \pm 5
NW02R5GSFKEG	2.5	38	19	28	SFK	135 \pm 5
NW03R0GSFKEG	3	38	19	28	SFK	135 \pm 5
NW3R15GSFKEG	3.15	38	19	28	SFK	135 \pm 5
NW03R5GTFKEG	3.5	48	19	28	TFK	135 \pm 5
NW04R0GTFKEG	4	48	19	28	TFK	135 \pm 5

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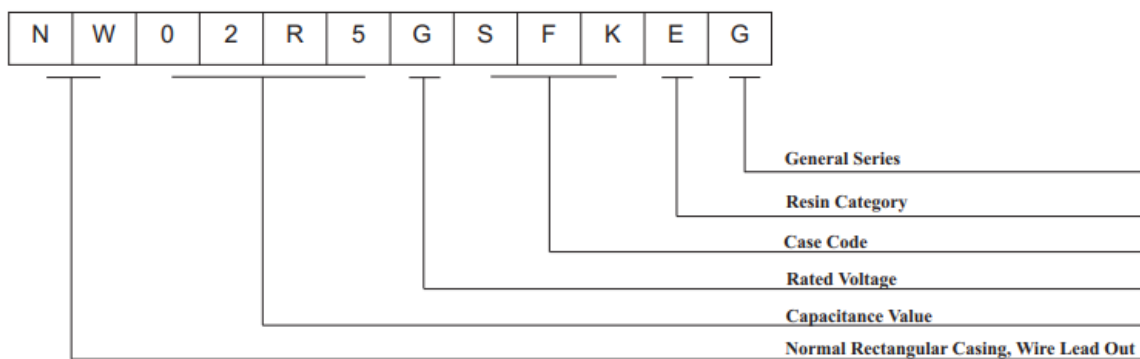
6. CAPACITOR ORDERING INFORMATION

Capacitors are identified with the help of a 12-digit code. Expansion of part Nos are detailed below.



a	b	c	d	e	f
Series Code	Capacitance Value Code	Voltage Code	Case Code	Resin category	General/Custom
NW:	Eg: (i) 2 μ F is coded as 2R0 (ii) 2.5 μ F is coded as 02R5 (For the range of Capacitance refer rating table)	A - 110 V B - 230 V G - 440 V	Eg: SDJ - 38x15x26 SEJ - 38x17x26	E-Epoxy	G-General

Eg: NW Series 2.5 μ F/440VAC



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7. MARKING ON THE CAPACITOR

For NW series MPP Rectangular Capacitors product information is printed on the can in black letters.

The following information are marked on the Capacitor;

a) AC Fan Motor Capacitor (IS-1709)

- | | |
|---|----------------------------|
| 1) Manufacturer's Name and Logo  | 2) Climatic Category |
| 3) Nominal capacitance value in μf | 4) Capacitance tolerance |
| 5) Rated voltage | 6) Rated frequency |
| 7) Self – healing (SH) | 8) Type of dielectric- MPP |
| 9) Specification (standard) number | 10) Date code (Year-Month) |

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8. DATE CODE

Year Code:

Year	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Letter Code	M	N	P	R	S	T	U	V	W	X

Year	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Letter Code	A	B	C	D	E	F	H	J	K	L

Year code repeats after each cycle of 20 years

Month Code:

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Code	1	2	3	4	5	6	7	8	9	O	N	D

3. PACKING QUANTITY

MPP Rectangular Capacitors are Generally bulk packed in thick polythene bags which are heat sealed to avoid direct atmospheric exposure. Individual Polythene bags are placed in the PRIMARY CARTONS with a LABEL which carries Outgoing Inspection Report No, Work Order No, Capacitance Series, Capacitance Value, Working Voltage, Capacitor Tolerance, Capacitor Size, Capacitor Part No, Temperature, Quantity and Date of Packing. The primary cartons are then placed in a MOTHER CARDBOARD CARTON before shipment.

Packing quantity per primary carton are detailed below;

Case Code	No.s/ Carton
SDJ	60
SEJ	60
SFK	60
TFK	60