

PRW-PB SERIES

PP can construction with resin top and flexible multistrand wire lead out for panel board application

Metallised Polypropylene (MPP) Capacitors are film Capacitors, made out of two Al-Zn metallised films with plastic film acting as dielectric. PRW-PB series MPP Capacitors are with resin top sealing, flexible multistrand copper wire lead out and encapsulated in PP can with black cap.

1. SPECIFICATIONS

Series	PRW-PB Series
Type	Metalized Polypropylene Capacitors for panel board application
Rated Voltage	440 Vac
Rated Frequency	50/60 Hz
Climatic Category	-25/85°C/21
Type	MPP-SH
Safety Protection	S0
Capacitance Range	10 to 100 μ F
Capacitance Tolerance	$\pm 5\%$
Class of Operation	Class D

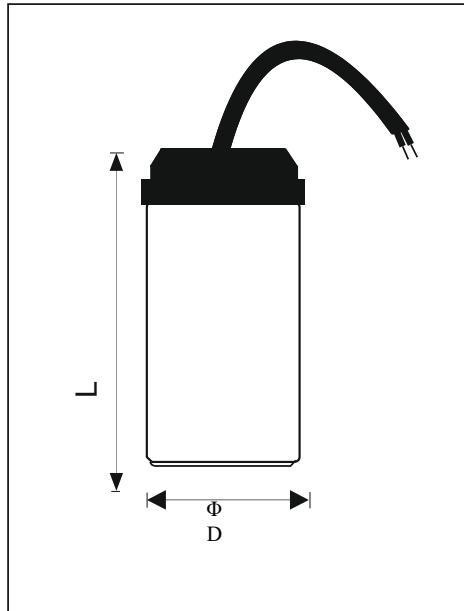
2. OTHER INFORMATION

Type of packing and Lead configuration	Bulk. Multistrand copper wire lead 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	Diameter $\varnothing D \pm 2$ (mm)	Length $L \pm 3$ (mm)
LS	45	110
NS	50	110
QY	54	140

5. STANDARD RATING TABLE

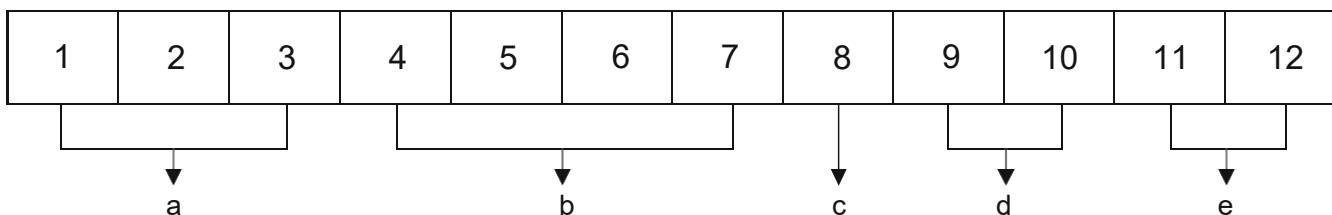
Part Number	Rating (μF)	Diameter $\varnothing D \pm 2$ (mm)	Length $L \pm 3$ (mm)	Case Code	Wire Length (mm)
PRW10R0GGNPB	10	35	86	GN	250 \pm 5
PRW36R0GLSPB	36	45	110	LS	250 \pm 5
PRW50R0GNSPB	50	50	110	NS	250 \pm 5
PRW55R0GLSPB	55	45	110	LS	250 \pm 5
PRW60R0GLSPB	60	45	110	LS	250 \pm 5
PRW72R0GNSPB	72	50	110	NS	250 \pm 5
PRW100RGQYPB	100	54	140	QY	250 \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
Series Code	Capacitance Value Code	Voltage Code	Case Code	Applications
PRW: PP can, Resin Top, Wire termination	Eg: (1) 60 μ F is coded as 60R0 (For the range of Capacitance refer rating table)	A - 110 V B - 230 V G - 440 V	Eg: NS - 50 x 110	PB – For Panel Board application

Eg: PRW Series 60 μ F/440VAC

With top cover

P	R	W	6	0	R	0	G	L	S	P	B
								For panel board application			
								Case size - 50 X 110L mm			
								Rated Voltage - 440Vac			
								Capacitance Value - 60 μ F			
PRW Series											

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7. MARKING ON THE CAPACITOR

For PRW-PB series MPP Capacitors product information is printed on the can in black letters.

The following information are marked on the Capacitor;

1) Manufacturer's Name and Logo		2) Climatic Category
3) Nominal capacitance value in μ F		4) Capacitance tolerance
5) Rated voltage		6) Rated frequency
7) Self – healing (SH)		8) Class of operation
9) Safety protection		10) Date code (Year-Month)
11) Application		

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

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9. PACKING QUANTITY

MPP Capacitors are packed in a PRIMARY cardboard carton by incorporating suitable SEPERATORS to avoid damages during transit. 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
LS	49
NS	36
QY	36