

## 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 $\mu$ F
Capacitance Tolerance	$\pm 5\%$
Class of Operation	Class D

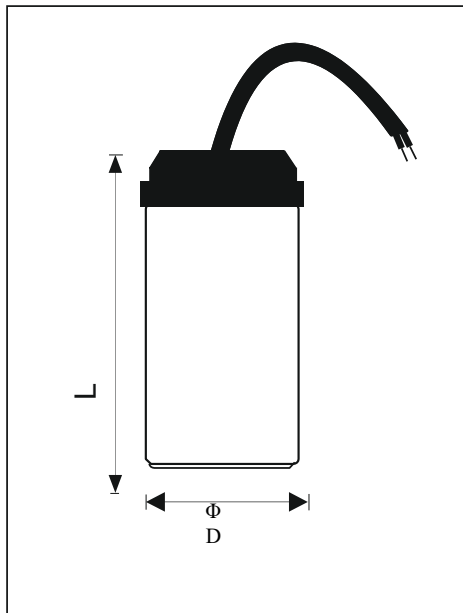
### 2. OTHER INFORMATION

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

## PRW-PB SERIES

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

### 3. PHYSICAL OUTLINE



All Dimensions are in “mm”

### 4. DIMENSIONS (All units in mm)

Case Code	Diameter $\text{ØD} \pm 2$ (mm)	Length $L \pm 3$ (mm)
LS	45	110
NS	50	110
QY	54	140

### 5. STANDARD RATING TABLE

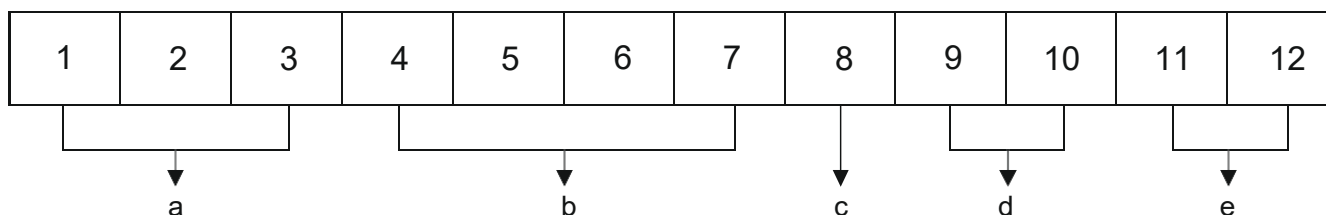
Part Number	Rating ( $\mu\text{F}$ )	Diameter $\text{ØD} \pm 2$ (mm)	Length $L \pm 3$ (mm)	Case Code	Wire Length (mm)
PRW10R0GGNPB	10	35	86	GN	$250 \pm 5$
PRW36R0GLSPB	36	45	110	LS	$250 \pm 5$
PRW50R0GNSPB	50	50	110	NS	$250 \pm 5$
PRW55R0GLSPB	55	45	110	LS	$250 \pm 5$
PRW60R0GLSPB	60	45	110	LS	$250 \pm 5$
PRW72R0GNSPB	72	50	110	NS	$250 \pm 5$
PRW100RGQYPB	100	54	140	QY	$250 \pm 5$

## PRW-PB SERIES

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

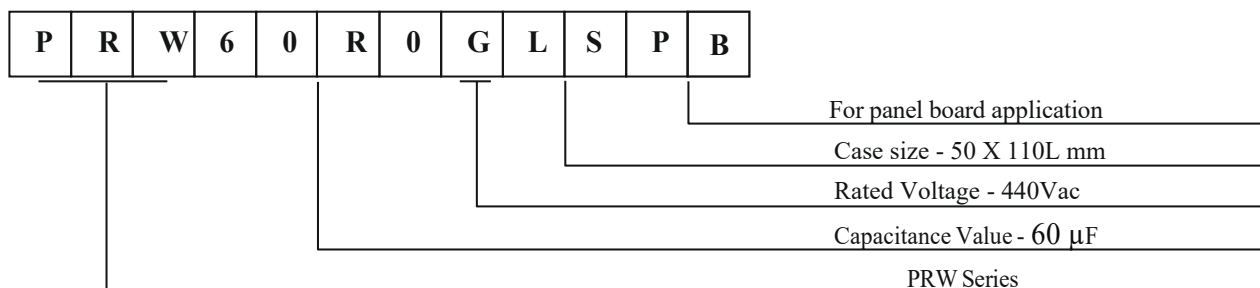
## 6. CAPACITOR ORDERING INFORMATION

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 $\mu$ F is coded as 60R0 (For the range of Capacitance refer rating table)	A - 110 V	Eg: NS –50 x 110	PB – For Panel Board application
		B – 230 V		
		G – 440 V		

Eg: PRW Series 60 $\mu$ F/440VAC  
With top cover




## PRW-PB SERIES

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

### 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 $\mu\text{f}$   | 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

## PRW-PB SERIES

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

### 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