

## PTU-PB SERIES

PP can construction with press-fit top cover and U terminal leads out for panel board application

Metallized Polypropylene (MPP) Capacitors are film Capacitors, made out of two Al-Zn metallized films with plastic film acting as dielectric. PTU-PB series MPP Capacitors are with press-fit top cover and U terminal leads out and encapsulated in PP can.

### 1. SPECIFICATIONS

Series	PTU-PB Series
Type	Metallized 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	P0
Capacitance Range	25 to 50 $\mu$ F
Capacitance Tolerance	$\pm$ 5%
Class of Operation	Class D

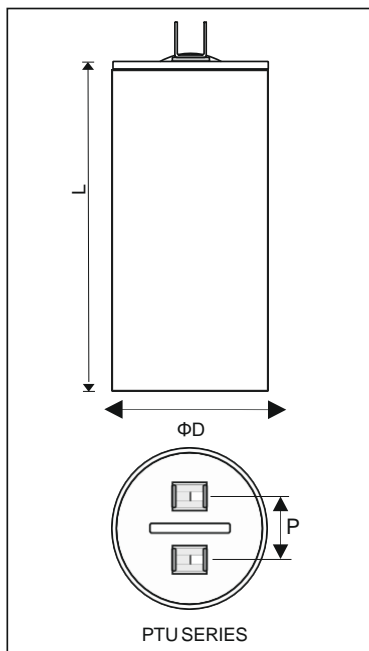
### 2. OTHER INFORMATION

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

## PTU-PB SERIES

PP can construction with press-fit top cover and U terminal leads out for panel board application

### 3. PHYSICAL OUTLINE



All Dimensions are in “mm”

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

Case Code	Diameter $\text{ØD} \pm 1$ (mm)	Length $L \pm 3$ (mm)
GR	35	94
JR	40	94

### 5. STANDARD RATING TABLE

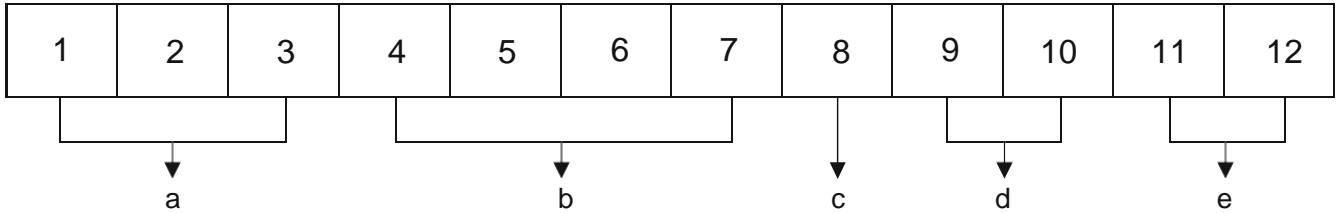
Part Number	Rating ( $\mu\text{F}$ )	Diameter $\text{ØD} \pm 1$ (mm)	Length $L \pm 3$ (mm)	Case Code	Pitch Length $P \pm 0.1$ (mm)
PTU25R0GGRP	25	35	94	GR	13.5
PTU30R0GGRP	30	35	94	GR	13.5
PTU36R0GGRP	36	35	94	GR	13.5
PTU40R0GJRP	40	40	94	JR	13.5
PTU45R0GJRP	45	40	94	JR	13.5
PTU50R0GJRP	50	40	94	JR	13.5

**PTU-PB SERIES**

PP can construction with press-fit top cover and U terminal leads out for panel board application

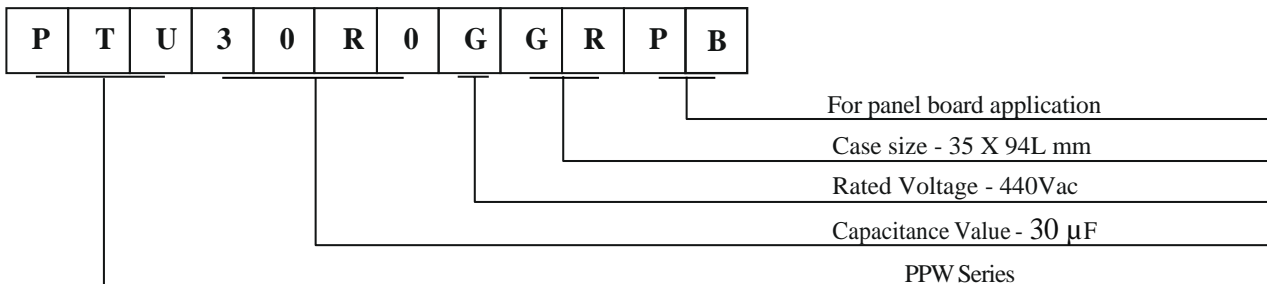
**6. CAPACITOR ORDERING INFORMATION**

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



a	b	c	d	e
<b>Series Code</b>	<b>Capacitance Value Code</b>	<b>Voltage Code</b>	<b>Case Code</b>	<b>Applications</b>
PTU: PP can, press-fit top cover, U termination	Eg: (1) 30 μF is coded as 30R0 (For the range of Capacitance refer rating table)	A - 110 V B - 230 V G - 440 V	Eg: GR -35 x 94	PB – For Panel Board application

Eg: PTU Series 30μF/440VAC




## PTU-PB SERIES

PP can construction with press-fit top cover and U terminal leads out for panel board application

### 7. MARKING ON THE CAPACITOR

For PTU-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:

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

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

Year code repeats after each cycle of 20 years

#### Month Code:

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

---

## **PTU-PB SERIES**

PP can construction with press-fit top cover and U terminal leads out for panel board application

---

### **9. PACKING QUANTITY**

MPP Capacitors are packed in a PRIMARY cardboard carton by incorporating suitable SEPARATORS 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
GR	81
JR	64