

PTU-PB SERIES

PP can construction with press-fit top cover and U terminal 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. PTU-PB series MPP Capacitors are with press-fit top cover and U terminal lead out and encapsulated in PP can.

1. SPECIFICATIONS

Series	PTU-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	25 to 50 μ F
Capacitance Tolerance	\pm 5%
Class of Operation	Class D

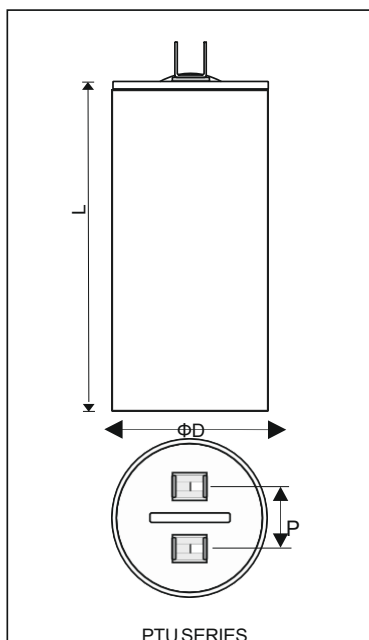
2. OTHER INFORMATION

Type of packing and Lead configuration	Bulk. U terminal 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 $\text{ØD} \pm 2$ (mm)	Length $L \pm 3$ (mm)
GR	35	94
JR	40	94

5. STANDARD RATING TABLE

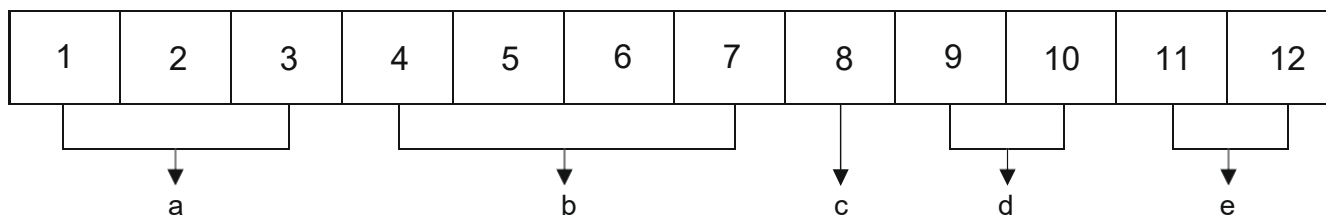
Part Number	Rating (μF)	Diameter $\text{ØD} \pm 2$ (mm)	Length $L \pm 3$ (mm)	Case Code	Pitch Length $P \pm 0.1$ (mm)
PTU25R0GGRPB	25	35	94	GR	13.5
PTU30R0GGRPB	30	35	94	GR	13.5
PTU36R0GGRPB	36	35	94	GR	13.5
PTU40R0GJRPB	40	40	94	JR	13.5
PTU45R0GJRPB	45	40	94	JR	13.5
PTU50R0GJRPB	50	40	94	JR	13.5
PTU60R0GLRPB	60	45	94	LR	13.5
PTU72R0GNRPB	72	50	94	NR	13.5

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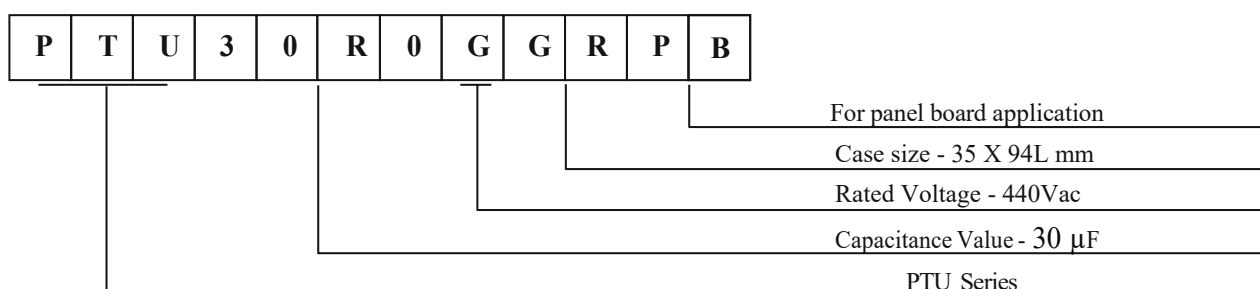
6. CAPACITOR ORDERING INFORMATION

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
PTU: PP can, press-fit top cover, U termination	Eg: (1) 30 μ F is coded as 30R0 (For the range of Capacitance refer rating table)	A - 110 V	Eg: GR -35 x 94	PB – For Panel Board application
		B – 230 V		
		G – 440 V		

Eg: PTU Series 30 μ F/440VAC



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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 μf | | 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
GR	81
JR	64