

Data Sheet

Customer: _____

Product: Metallized Polypropylene Film Capacitor (Axial Tubular Type) – MPT series

Rated Voltage : 100V, 250V, 400V, 630V

Issued Date: 17-May.-2022

Edition: Ver. 2

Record of change

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17-Jul.-2016	1		
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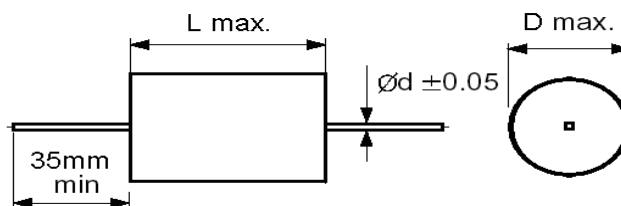
Prepared by	Checked by	Approved by	Accepted by (customer)
17-Jul.-2016	17-Jul.-2016	17-Jul.-2016	
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Metallized Polypropylene Film Capacitor(Axial Lead)(Tubular)

MPT are non-inductively wound with metallized polypropylene film as dielectric and electrode with copper-clad steel leads and epoxy end seal.

FEATURES:

- Low dissipation factor (D.F)
- High insulation resistance.
- High stability of capacitance and dissipation factor versus temperature and frequency.
- Self-healing properties.



SPECIFICATIONS:

1. OPERATING TEMPERATURE: -40°C -- +85°C
2. CAPACITANCE RANGE: 0.01µF – 82µF
3. CAPACITANCE TOLERANCE: ±5% (J), ±10% (K)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0 % max. at 1KHz, 20°C
6. INSULATION RESISTANCE: >30,000 MΩ(C≤0.33µF). >10,000 MΩ·µF (C>0.33µF).
7. VOLTAGE PROOF: 1.5 times rated voltage.

Unit : mm

RV SIZE CAP (µF)	100 VDC			250 VDC			400 VDC			630 VDC		
	D max.	L max.	dø ± 0.05	D max.	L max.	dø ± 0.05	D max.	L max.	dø ± 0.05	D max.	L Max.	dø ± 0.05
0.010	6.0	14.0	0.6	6.0	14.0	0.6	6.0	14.0	0.6	6.0	14.0	0.6
0.015	6.0	14.0	0.6	6.0	14.0	0.6	6.0	14.0	0.6	6.0	14.0	0.6
0.022	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6
0.033	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6
0.047	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6	8.0	14.0	0.6
0.068	8.0	14.0	0.6	8.0	14.0	0.6	7.0	19.0	0.6	7.0	19.0	0.6
0.10	8.0	14.0	0.6	8.0	14.0	0.6	7.0	19.0	0.6	9.0	19.0	0.6
0.22	7.0	19.0	0.6	8.5	19.0	0.6	9.5	19.0	0.6	11.5	19.0	0.6
0.33	8.0	19.0	0.6	9.5	19.0	0.6	11.0	19.0	0.6	11.5	25.0	0.6
0.47	9.0	19.0	0.6	9.5	25.0	0.6	10.5	25.0	0.6	13.5	25.0	0.6
0.68	10.5	19.0	0.6	10.5	25.0	0.6	12.5	25.0	0.6	13.5	31.0	0.6
1.0	10.5	25.0	0.6	12.5	25.0	0.6	12.5	31.0	0.6	16.0	31.0	0.6
2.2	12.0	31.0	0.8	14.5	31.0	0.8	17.5	31.0	0.8	22.5	31.0	0.8
3.3	14.5	31.0	0.8	17.5	31.0	0.8	20.5	31.0	0.8	22.0	46.0	0.8
4.7	17.0	31.0	0.8	20.5	31.0	0.8	19.5	46.0	0.8	25.5	46.0	0.8
5.6	18.0	31.0	0.8	22.0	31.0	0.8	21.0	46.0	0.8	28.0	46.0	0.8
6.8	20.0	31.0	0.8	24.0	31.0	0.8	23.0	46.0	0.8	31.0	46.0	0.8
8.2	17.5	46.0	0.8	21.0	46.0	0.8	25.5	46.0	0.8	33.0	46.0	0.8
10.0	22.0	46.0	0.8	23.0	46.0	0.8	25.0	56.0	0.8	32.0	56.0	0.8
15.0	23.0	46.0	1.0	28.0	46.0	0.8	30.0	56.0	1.0	39.0	56.0	1.0
22.0	21.0	46.0	1.0	25.0	46.0	1.0	32.0	46.0	1.0			
33.0	29.0	56.0	1.0	36.0	56.0	1.0						
47.0	34.0	56.0	1.0	41.0	61.0	1.0						
68.0	39.0	61.0	1.0									
82.0	43.0	61.0	1.0									