

Data Sheet

Customer: _____

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

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

Issued Date: 17-Jul.-2016 _____

Edition: Ver. 1 _____

Record of change

Date	Ver.	Description	Page
17-Jul.-2016	1		

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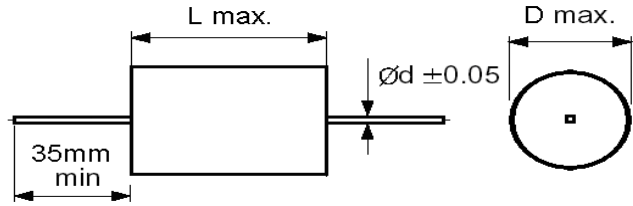
Prepared by	Checked by	Approved by	Accepted by (customer)
17-Jul.-2016	17-Jul.-2016	17-Jul.-2016	
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Metallized Polypropylene Film Capacitor(Axial Lead)(Tubular)

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: -55°C -- +105°C (Full rated voltage at 85°C. Derate linearly to 50% rated voltage at 105°C)
2. CAPACITANCE RANGE: 0.01µF – 82µF
3. CAPACITANCE TOLERANCE: ±5%(J), ±10%(K)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 0.075% max. at 1KHz, 20°C
6. INSULATION RESISTANCE: >30,000 MΩ(C ≤ 0.33µF). >10,000 MΩ·µF/C (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									