

## *Data Sheet*

Customer: \_\_\_\_\_

Product: Metallized Polyester Film Capacitor (Axial Tubular Type) – MET series

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

Issued Date: 17-May.-2022

Edition: Ver. 2

### Record of change

Date	Ver.	Description	Page
7-Jul.-2016	1		
17-May.-2022	2		2

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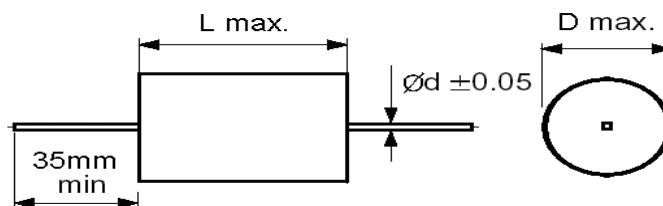
Prepared by	Checked by	Approved by	Accepted by (customer)
7-Jul.-2016	7-Jul.-2016	7-Jul.-2016	
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## Metallized Polyester Film Capacitor(Axial Lead)(Tubular)

MET are non-inductively wound with metallized polyester 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 – 100µF
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: >10,000 MΩ(C≤0.33µF), >3,500 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	5.5	14.0	0.6	5.5	14.0	0.6	5.5	14.0	0.6	5.5	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	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6
0.033	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6
0.047	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6
0.068	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6	6.0	19.0	0.6
0.10	7.0	14.0	0.6	7.0	14.0	0.6	7.0	14.0	0.6	6.5	19.0	0.6
0.22	7.0	14.0	0.6	6.5	19.0	0.6	7.5	19.0	0.6	9.5	19.0	0.6
0.33	7.5	14.0	0.6	7.5	19.0	0.6	9.0	19.0	0.6	9.5	25.0	0.6
0.47	7.0	19.0	0.6	8.5	19.0	0.6	10.0	19.0	0.6	11.0	25.0	0.6
0.68	8.0	19.0	0.6	8.0	25.0	0.6	12.0	19.0	0.6	13.0	25.0	0.6
1.0	9.0	19.0	0.6	10.0	25.0	0.6	12.0	25.0	0.6	13.0	31.0	0.6
2.2	11.0	25.0	0.8	12.0	31.0	0.8	14.0	31.0	0.8	19.0	31.0	0.8
3.3	13.0	25.0	0.8	14.0	31.0	0.8	17.0	31.0	0.8	18.0	46.0	0.8
4.7	15.0	25.0	0.8	16.5	31.0	0.8	20.0	31.0	0.8	21.0	46.0	0.8
5.6	14.0	31.0	0.8	17.5	31.0	0.8	21.0	31.0	0.8	23.0	46.0	0.8
6.8	15.0	31.0	0.8	19.0	31.0	0.8	23.0	31.0	0.8	25.0	46.0	0.8
8.2	16.5	31.0	0.8	21.0	31.0	0.8	20.0	46.0	0.8	27.0	46.0	0.8
10.0	18.0	31.0	0.8	18.0	46.0	0.8	22.0	46.0	0.8	31.0	46.0	0.8
15.0	18.0	46.0	1.0	21.0	46.0	0.8	27.0	46.0	1.0			
22.0	21.0	46.0	1.0	25.0	46.0	1.0	32.0	46.0	1.0			
33.0	25.0	46.0	1.0	30.0	56.0	1.0						
47.0	27.0	56.0	1.0	35.0	56.0	1.0						
68.0	32.0	56.0	1.0	41.0	56.0	1.0						
82.0	35.0	56.0	1.0	35.0	56.0	1.0						
100.0	40.0	56.0	1.0	40.0	56.0	1.0						