

# Data Sheet

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

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

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

Issued Date: 22-Dec.-2022

Edition: Ver. 3

## Record of change

Date	Ver.	Description	Page
7-Jul.-2016	1		
17-May.-2022	2		2
22-Dec-2022	3	Revised Dimension	2

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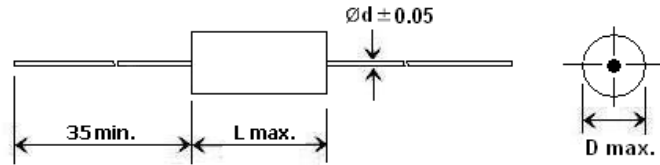
Prepared by	Checked by	Approved by	Accepted by (customer)
22-Dec.-2022	22-Dec.-2022	22-Dec.-2022	
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## Metallized Polyester Film Capacitor(Axial Lead)(Tubular)

MET are constructed with metallized polyester film dielectric, copoly lead, outer wrap by polyester film tape and ends sealed by epoxy resin in non-inductive type. They are suitable for coupling, bypass filtering timing circuit decoupling and use in data processing, auto control system, telecommunication, industrial instruments.

### FEATURES:

- Non-inductive construction
- Good solderability
- High stability of capacitance and of reliability
- Self-healing properties.



### SPECIFICATIONS:

1. OPERATING TEMPERATURE: -40°C -- +85°C
2. CAPACITANCE RANGE: 0.22µF – 100µF
3. CAPACITANCE TOLERANCE: ±5% (J), ±10% (K), ±20% (M),
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0% max. at 1KHz, 25°C
6. INSULATION RESISTANCE: >10,000 MΩ(C ≤ 0.33 µF).  
>3,500 MΩ·µF (C > 0.33 µF).
7. VOLTAGE PROOF: 1.5 times rated voltage.
8. SOLDERABILITY: 260°C±5°C 3sec.

Unit : mm

RV SIZE CAP (uF)	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
0.22	-	-	-	-	-	-	-	-	-	9.5	19.0	0.6
0.33	-	-	-	-	-	-	9.0	19.0	0.6	9.5	25.0	0.6
0.47	-	-	-	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	0.8	10.0	25.0	0.8	12.0	25.0	0.8	13.0	31.0	0.8
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	19.5	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	18.5	46.0	0.8	22.0	46.0	0.8	31.0	46.0	0.8
15.0	18.0	46.0	1.0	22.5	46.0	0.8	27.0	46.0	1.0			
22.0	21.0	46.0	1.0	27.0	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	44.0	56.0	1.0						
100.0	40.0	56.0	1.0	49.0	56.0	1.0						