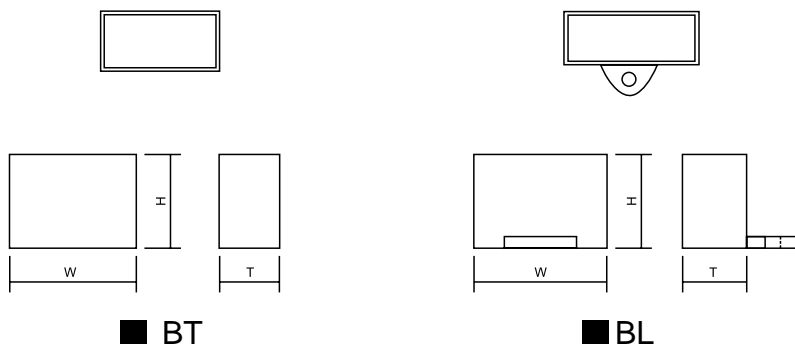


S3型金属化聚丙烯安全膜交流电动机电容器

S3 class metallized polypropylene Safety film AC motor capacitor



■ BT

■ BL

特点

金属化聚丙烯安全膜，无感卷绕结构
良好自愈性
高稳定性和可靠性

结构

电介质：聚丙烯膜
外壳：方型，UL94V0级工程塑料
填充料：UL94V0级环氧树脂
引出端：Tc, T, V, U, M 或依客户要求

典型应用

适用于马达，电子扇，吊扇，排风机和其他设备单相电机
交流滤波

FEATURES:

Metallized Polypropylene Film, Non-inductive Wound construction
Self-healing property
High stability and reliability

STRUCTURE:

Dielectric: Polypropylene film
Case: rectangular shape, engine plastic UL94V0
Filling material: Epoxy resin UL 94V0 class.
Terminals: TC, T, V, U, M, or as customer required

TYPE APPLICATION:

Motor, electronic fan, ceiling fan, exhaust fan and other equipments with single-phase motors.
AC Filter capacitor

电气特性/ Specifications (在额定功率和额定温度下)

| | | | | | |
|---|---|------|------|------|-------|
| 电容器类别/Class | S3 | | | | |
| 引用标准/Reference standard | UL810-2012, IEC60252-1, GB/T3667.1, JIS4908 | | | | |
| 气候类别/Climatic category | 25/85/21 | | | | |
| 频率/Frequency | 50/60 Hz | | | | |
| 额定电压/Rated voltage (Vac) | 250V | 300V | 350V | 450V | 550V* |
| 容量范围/Capacitance range(μF) | 1~40 | 1~28 | 1~23 | 1~15 | 1~12 |
| 散逸因素/Dissipation Factor | 0.0020 (1KHz, 25, only refer for TC terminal) | | | | |
| 容量偏差/Capacitance tolerance | ±5%(J), ±10%(K) | | | | |
| 绝缘电阻/Insulation Resistance | 1,000s (100VDC, 60s, 20, RH 65%) | | | | |
| 端子间耐电压 (Vtt) Withstand Voltage between terminals | 175%*Unac, 2s | | | | |
| 端子对外壳间耐电压(Vtc) Withstand Voltage between terminal and case | 2500Vac, 50Hz, 1min | | | | |
| 最大允许电压/Max permissible voltage | 110%*Unac | | | | |
| 最大允许电流/Max permissible current | 130%*In | | | | |
| 最大允许电压电流/Max permissible voltage and current | 130%*Unac*In | | | | |

安全认证/Safety approvals

| Body(机构) | Approved Standard | Note |
|----------|---------------------------|-----------------|
| UL | UL810, 10000AFC Protected | E465078 |
| CQC | GB/T 60252-1:2016 | CQC 17002173884 |
| TUV | EN 60252:2011+A1 | R 50382921 |

FILM CAPACITORS

外形尺寸 Dimensions(mm)

| 250VAC | | | |
|-------------------|-------------------|--------|--------|
| cap (μ F) | Tolerance ± 1 | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 22 | 13 |
| 1.5 | 40 | 25 | 15 |
| 2 | 40 | 25 | 15 |
| 2.5 | 40 | 28 | 16 |
| 3 | 40 | 28 | 16 |
| 3.5 | 40 | 28 | 16 |
| 4 | 40 | 29 | 19 |
| 4.5 | 40 | 29 | 19 |
| 5 | 40 | 31 | 21 |
| 5.5 | 40 | 31 | 21 |
| 6 | 40 | 31 | 21 |
| 6.5 | 40 | 34 | 22 |
| 6.5 | 50 | 29 | 19 |
| 7 | 50 | 31 | 21 |
| 7.5 | 50 | 31 | 21 |
| 8 | 50 | 31 | 21 |
| 8.5 | 50 | 31 | 21 |
| 9 | 50 | 34 | 22 |
| 9.5 | 50 | 34 | 22 |
| 10 | 50 | 34 | 22 |
| 10 | 60 | 31 | 21 |
| 12 | 60 | 34 | 22 |
| 15 | 60 | 37 | 23.5 |
| 16 | 60 | 37 | 23.5 |
| 18 | 60 | 39 | 25 |
| 20 | 60 | 41 | 27 |
| 22 | 60 | 41 | 27 |
| 25 | 60 | 43 | 30 |
| 27 | 60 | 43 | 30 |
| 30 | 60 | 45 | 33 |
| 32 | 60 | 45 | 33 |
| 35 | 60 | 50 | 35 |
| 37 | 60 | 50 | 35 |
| 40 | 60 | 53 | 38 |

| 300VAC | | | |
|-------------------|-------------------|--------|--------|
| cap (μ F) | Tolerance ± 1 | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 25 | 15 |
| 1.2 | 40 | 25 | 15 |
| 1.5 | 40 | 25 | 15 |
| 1.8 | 40 | 28 | 16 |
| 2 | 40 | 28 | 16 |
| 2.2 | 40 | 28 | 16 |
| 2.5 | 40 | 29 | 19 |
| 2.7 | 40 | 29 | 19 |
| 3 | 40 | 29 | 19 |
| 3.5 | 40 | 31 | 21 |
| 4 | 40 | 31 | 21 |
| 4.5 | 40 | 34 | 22 |
| 4.5 | 50 | 29 | 19 |
| 5 | 50 | 31 | 21 |
| 5.5 | 50 | 31 | 21 |
| 6 | 50 | 34 | 22 |
| 6.5 | 50 | 34 | 22 |
| 7 | 50 | 34 | 22 |
| 7 | 60 | 31 | 21 |
| 7.5 | 60 | 31 | 21 |
| 8 | 60 | 34 | 22 |
| 8.5 | 60 | 34 | 22 |
| 9 | 60 | 34 | 22 |
| 9.5 | 60 | 37 | 23.5 |
| 10 | 60 | 37 | 23.5 |
| 12 | 60 | 39 | 25 |
| 15 | 60 | 41 | 27 |
| 18 | 60 | 43 | 30 |
| 20 | 60 | 45 | 33 |
| 22 | 60 | 50 | 35 |
| 23 | 60 | 50 | 35 |
| 25 | 60 | 50 | 35 |
| 27 | 60 | 53 | 38 |
| 28 | 60 | 53 | 38 |

| 350VAC | | | |
|-------------------|-------------------|--------|--------|
| cap (μ F) | Tolerance ± 1 | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 25 | 15 |
| 1.5 | 40 | 28 | 16 |
| 1.8 | 40 | 28 | 16 |
| 2 | 40 | 28 | 16 |
| 2.2 | 40 | 29 | 19 |
| 2.5 | 40 | 29 | 19 |
| 2.7 | 40 | 31 | 21 |
| 3 | 40 | 31 | 21 |
| 3.3 | 40 | 31 | 21 |
| 3.5 | 40 | 34 | 22 |
| 3.5 | 50 | 29 | 19 |
| 4 | 50 | 31 | 21 |
| 4.5 | 50 | 31 | 21 |
| 5 | 50 | 34 | 22 |
| 5.5 | 50 | 34 | 22 |
| 6 | 60 | 31 | 21 |
| 6.5 | 60 | 34 | 22 |
| 7 | 60 | 34 | 22 |
| 7.5 | 60 | 34 | 22 |
| 8 | 60 | 37 | 23.5 |
| 8.5 | 60 | 37 | 23.5 |
| 9 | 60 | 37 | 23.5 |
| 9.5 | 60 | 39 | 25 |
| 10 | 60 | 39 | 25 |
| 12 | 60 | 41 | 27 |
| 15 | 60 | 43 | 30 |
| 17 | 60 | 45 | 33 |
| 20 | 60 | 50 | 35 |
| 22 | 60 | 53 | 38 |
| 23 | 60 | 53 | 38 |

外形尺寸 Dimensions(mm)

| 450VAC | | | |
|-------------------|-------------------|--------|--------|
| cap (μ F) | Tolerance ± 1 | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 29 | 19 |
| 1.2 | 40 | 29 | 19 |
| 1.5 | 40 | 29 | 19 |
| 1.8 | 40 | 31 | 21 |
| 2 | 40 | 31 | 21 |
| 2.2 | 40 | 34 | 22 |
| 2.5 | 40 | 37 | 23.5 |
| 2.7 | 40 | 37 | 23.5 |
| 2.5 | 50 | 31 | 21 |
| 2.7 | 50 | 31 | 21 |
| 3 | 50 | 34 | 22 |
| 3.3 | 50 | 34 | 22 |
| 3.5 | 50 | 34 | 22 |
| 3.7 | 50 | 37 | 23.5 |
| 4 | 50 | 37 | 23.5 |
| 3.5 | 60 | 31 | 21 |
| 3.7 | 60 | 31 | 21 |
| 4 | 60 | 34 | 22 |
| 4.3 | 60 | 34 | 22 |
| 4.5 | 60 | 34 | 22 |
| 4.7 | 60 | 34 | 22 |
| 5 | 60 | 37 | 23.5 |
| 5.5 | 60 | 37 | 23.5 |
| 6 | 60 | 39 | 25 |
| 6.5 | 60 | 39 | 25 |
| 7 | 60 | 41 | 27 |
| 7.5 | 60 | 41 | 27 |
| 8 | 60 | 43 | 30 |
| 8.5 | 60 | 43 | 30 |
| 9 | 60 | 43 | 30 |
| 10 | 60 | 45 | 33 |
| 10 | 60 | 50 | 35 |
| 11 | 60 | 50 | 35 |
| 12 | 60 | 50 | 35 |
| 12 | 60 | 53 | 38 |
| 12.5 | 60 | 53 | 38 |

| 550VAC | | | |
|-------------------|-----------|--------|--------|
| cap (μ F) | Tolerance | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 29 | 19 |
| 1.5 | 40 | 31 | 21 |
| 1.8 | 40 | 31 | 21 |
| 2 | 40 | 34 | 22 |
| 2.5 | 40 | 37 | 23.5 |
| 2.5 | 50 | 31 | 21 |
| 3 | 50 | 34 | 22 |
| 3.5 | 50 | 37 | 23.5 |
| 3.7 | 50 | 37 | 23.5 |
| 3 | 60 | 31 | 21 |
| 3.5 | 60 | 34 | 22 |
| 4 | 60 | 34 | 22 |
| 4.5 | 60 | 37 | 23.5 |
| 5 | 60 | 37 | 23.5 |
| 5.5 | 60 | 39 | 25 |
| 6 | 60 | 41 | 27 |
| 6.5 | 60 | 41 | 27 |
| 7 | 60 | 43 | 30 |
| 7.5 | 60 | 43 | 30 |
| 8 | 60 | 43 | 30 |
| 8.5 | 60 | 45 | 33 |
| 9 | 60 | 45 | 33 |
| 9.5 | 60 | 45 | 33 |
| 10 | 60 | 50 | 35 |
| 12 | 60 | 53 | 38 |

| 450VAC* - TUV | | | |
|-------------------|-----------|--------|--------|
| cap (μ F) | Tolerance | | |
| | W (mm) | H (mm) | T (mm) |
| 1 | 40 | 29 | 19 |
| 1.5 | 40 | 31 | 21 |
| 1.8 | 40 | 31 | 21 |
| 2 | 40 | 34 | 22 |
| 2.5 | 40 | 37 | 23.5 |
| 2.5 | 50 | 31 | 21 |
| 3 | 50 | 34 | 22 |
| 3.5 | 50 | 37 | 23.5 |
| 3.7 | 50 | 37 | 23.5 |
| 3 | 60 | 31 | 21 |
| 3.5 | 60 | 34 | 22 |
| 4 | 60 | 34 | 22 |
| 4.5 | 60 | 37 | 23.5 |
| 5 | 60 | 37 | 23.5 |
| 5.5 | 60 | 39 | 25 |
| 6 | 60 | 41 | 27 |
| 6.5 | 60 | 41 | 27 |
| 7 | 60 | 43 | 30 |
| 7.5 | 60 | 43 | 30 |
| 8 | 60 | 43 | 30 |

备注：

1. *** VDE U_g450VAC(B) 400VAC(A)
450V(C)