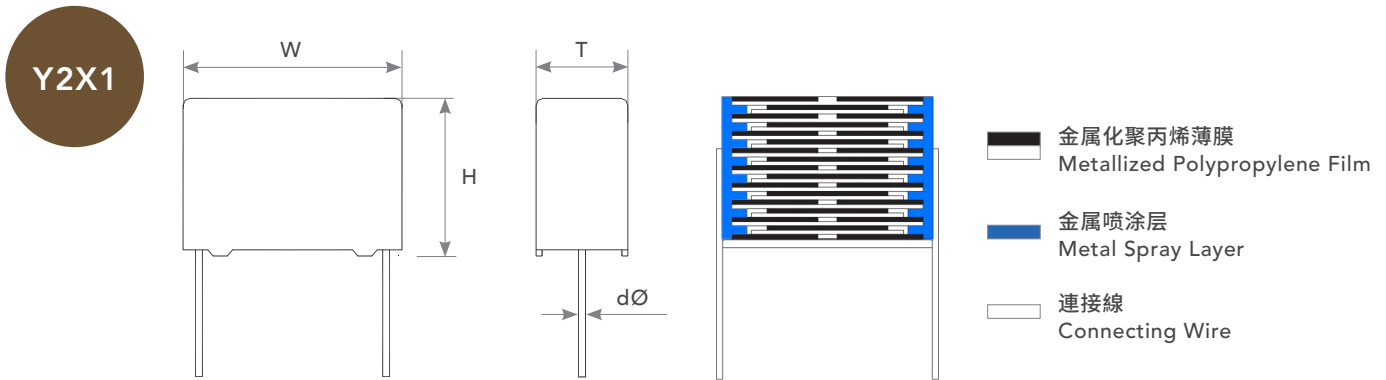


【干扰抑制电容器】Y2电容器 (Y2X1-300VAC)

INTERFERENCE SUPPRESSION CAPACITOR / Y2 CAPACITOR (Y2X1-300VAC)



结构 Construction:

- 电介质: 金属化聚丙烯薄膜
Dielectric: Metallized Polypropylene Film
- 绕卷: 无感式
Winding: non-inductive type
- 导线: 镀锡铜包钢线
Leads: Tinned copper clad-steel wire
- 外层: 阻燃塑胶外壳, 环氧树脂填充
Outer Coating: Flame retarding plastic case and epoxy filled

特点 Feature:

- 良好的自愈性
Self-healing properties
- 符合CB、ENEC、UL、CUL、CQC安规电容
In accordance with CB, ENEC, UL, CUL, CQC safety regulations
- Y2类、X1类
Class Y2, Class X1

推荐应用 Recommended Application:

- 干扰抑制器
Interference suppressors
- 天线耦合
Antenna coupling
- 跨线
Across the line
- 电线入地
Line to ground
- EMI滤波器
EMI filter

电气特性 Electrical Characteristics:

| | | |
|-------------------------------|--|---|
| 引用标准 Related Documents | UL60384-14, EN-60384-14, IEC-60384-14 | |
| 额定电压 Rated Voltage | 300VAC(ENEC, CQC), 310VAC(UL/CUL) | |
| 额定温度 Rated Temperature | -40°C ~ +110°C | |
| 容量范围 Capacitance Range | 0.001μF ~ 0.22μF | |
| 损耗角正切 Dissipation Factor | 0.2% or less. at 1Khz, 20±5°C | |
| 绝缘电阻 Insulation Resistance | Terminal to Terminal: ≥ 15000MΩ at DC 100V (C ≤ 0.33μF) ≥ 5000MΩ × μF at DC 100V (C > 0.33μF) | Terminal to Enclosure: ≥ 100000MΩ at DC 100V ≥ 500MΩ at DC 500V |
| 耐压 Withstand Voltage | [Between terminal] : Nothing abnormal shall be found when apply a voltage specified below for 1 minute. AC 1500V or DC 2250V or DC 3000V for 3sec [Between terminal and enclosure] : Nothing abnormal shall be found when apply a voltage of 2050VAC for 1 minute. | |

| | | | | |
|--|---|-------|-------|---------|
| 额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs) | Pitch V _R | 10 mm | 15 mm | 22.5 mm |
| | 1000VDC | 800 | 600 | 500 |
| 气候类别 Climate Category | 代碼字母G和數位元40 = 最低极限温度.... -40°C 代碼字母M和數位元110 = 最高极限温度.... +110°C 代碼字母F和數位元56 = 相对湿度的最大限值 [湿热试验天数.... 56天] 代碼字母B = 阻燃性類別 code letter G and number 40 = Minimum limit temperature.... -40°C code letter M and number 110 = Maximum limit temperature.... +110°C code letter F and number 56 = Maximum limit of Relative Humidity [The days of damp heat test....56 days] code letter B = Category of Passive flammability. | | | |

安全认证 Safety Approvals:

| LOGO MARK | COUNTRY | APPROVAL STANDARD | APPROVAL NO. | CLASS | CAP. RANGE | RATED VOLTAGE |
|-----------|-----------------|-------------------|----------------|-------|------------------|---------------|
| UL | U.S.A CANADA | UL 60384-14 | E149075 | Y2/X1 | 0.001μF ~ 0.22μF | 310VAC |
| ENEC | EUROPE | EN-60384-14: | SE/0252-3C | Y2/X1 | 0.001μF ~ 0.22μF | 300VAC |
| CB | EUROPE | IEC-60384-14: | US-27453-A1-UL | Y2/X1 | 0.001μF ~ 0.22μF | 300VAC |
| CQC | CHINA | GB/T 6346.14 | CQC08001028115 | Y2 | 0.001μF ~ 0.22μF | 300VAC |

Cap. (μF) | 标准单位 (Size unit): mm

| R.V. | 300VAC | | | | | |
|------------------|-----------|-----------|-----------|----|-------------|--------------------|
| Size Cap (μF) | W ±0.3 | H ±0.3 | T ±0.3 | P | dØ ±0.05 | 料号 Part Number |
| 0.001 | 13 | 9 | 4 | 10 | 0.6 | Y2X1102*0300AB*10* |
| 0.0015 | 13 | 9 | 4 | 10 | 0.6 | Y2X1152*0300AB*10* |
| 0.0022 | 13 | 10 | 5 | 10 | 0.6 | Y2X1222*0300AB*10* |
| 0.0033 | 13 | 10 | 5 | 10 | 0.6 | Y2X1332*0300AB*10* |
| 0.0047 | 13 | 11 | 5 | 10 | 0.6 | Y2X1472*0300AB*10* |
| 0.0068 | 13 | 12 | 6 | 10 | 0.6 | Y2X1682*0300AB*10* |
| 0.0082 | 13 | 13 | 7 | 10 | 0.6 | Y2X1822*0300AB*10* |
| 0.01 | 13 | 14 | 8 | 10 | 0.6 | Y2X1103*0300AB*10* |
| 0.0022 | 18 | 11 | 5 | 15 | 0.8 | Y2X1222*0300AB*15* |
| 0.0033 | 18 | 11 | 5 | 15 | 0.8 | Y2X1332*0300AB*15* |
| 0.0047 | 18 | 11 | 5 | 15 | 0.8 | Y2X1472*0300AB*15* |
| 0.0056 | 18 | 11 | 5 | 15 | 0.8 | Y2X1562*0300AB*15* |
| 0.0068 | 18 | 11 | 5 | 15 | 0.8 | Y2X1682*0300AB*15* |

| R.V. | 300VAC | | | | | |
|------------------|-----------|-----------|-----------|------|-------------|--------------------|
| Size Cap (μF) | W ±0.3 | H ±0.3 | T ±0.3 | P | dØ ±0.05 | 料号 Part Number |
| 0.0082 | 18 | 11 | 5 | 15 | 0.8 | Y2X1822*0300AB*15* |
| 0.01 | 18 | 11 | 5 | 15 | 0.8 | Y2X1103*0300AB*15* |
| 0.015 | 18 | 12 | 6 | 15 | 0.8 | Y2X1153*0300AB*15* |
| 0.022 | 18 | 13 | 7 | 15 | 0.8 | Y2X1223*0300AB*15* |
| 0.033 | 18 | 15 | 9 | 15 | 0.8 | Y2X1333*0300AB*15* |
| 0.047 | 18 | 17 | 10 | 15 | 0.8 | Y2X1473*0300AB*15* |
| 0.047 | 26 | 16 | 6 | 22.5 | 0.8 | Y2X1473*0300AB*22* |
| 0.068 | 26 | 16.5 | 7.5 | 22.5 | 0.8 | Y2X1683*0300AB*22* |
| 0.1 | 26 | 18 | 9 | 22.5 | 0.8 | Y2X1104*0300AB*22* |
| 0.15(M) | 26 | 20 | 11 | 22.5 | 0.8 | Y2X1154M0300AB*22* |
| 0.15 | 26 | 22 | 12 | 22.5 | 0.8 | Y2X1154*0300AB*22* |
| 0.22 | 26 | 24 | 14 | 22.5 | 0.8 | Y2X1224*0300AB*22* |