



承認書

Specification for approval

环保产品:
RoHS/REACH Compliance

客户

CUSTOMER

嘉立创

品名

PART NAME


MEY 275V AC ±10% (K)

天泰料号

TENTA Material Number

客户料号

CUSTOMER Material Number

| 承認印 APPROVAL STAMP | | | | | |
|--|------------|--------------|----------------|-------------|-------------|
| 製造商 Manufacturer | | | 客戶 Customer | | |
|  | | | | | |
| 编制/Edition | 检查/Checked | 确认/Confirmed | 承认/Admit | 审核/Auditing | 批准/Approved |
| 陆伟 | 徐志钦 | 廖小春 | | | |

天泰電機工業有限公司

TENTA ELECTRIC INDUSTRIAL CO., LTD.

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深圳天泰電器元件有限公司

SHEN ZHEN TENTA ELECTRICAL APPLIANCE LTD.

公司: 深圳市南山區白石洲中國原子能第二工業區第二棟六樓

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TEL: (0755) 29604898 FAX: (0755) 29604891

TENTA ELECTRIC INDUSTRIAL CO., LTD.

Y2-Class Film Capacitor, TYPE-MEY

SPECIFICATION:

1. REFERENCE STANDARDS:

VDE DIN EN132400(1999-06)/IEC 60384-14: 1993-07, Table II + A1:1995-06

NEMKO IEC 384-14(ed.3)

DEMKO DIN EN 132 400 1994/A2:1991+A3:1998dan IEC60384-14 1993+A:1995

SEMKO DIN EN 132 400 1994/A2:1998+A3:1998/IEC60384-14.Second edition:1993/A1:1995

FIMKO DIN EN 60384-14:2005

UL (250V/275V AC)

USED FOR ACROSS-THE-LINE CAPACITORS,

ANDTENNA-COUPLINE,

LINE-BY-PASS COMPONENTS,

RADIO INTERFERENCE SUPPRESSION,

ELECTRONMAGNETIC INTERFERENCE FILTERS.

2. RATED VOLTAGE:

275V AC 50/ 60 Hz

3. CAPACITANCE RANGE:

0.001 μ F to 0.1 μ F

4. CAPACITANCE TOLERANCE:

\pm 5% (J) \pm 10% (K) \pm 20% (M)

5. DIELECTRIC:

METALLIZED POLYPROPYLENE FILM

6. DISSIPATION FACTOR Tan δ :

LESS THAN 0.1% at 1 kHz AND 20°C

7. INSULATION RESISTANCE:

BETWEEN ELECTRODES

LESS THAN OR EAUAL TO \cong 15,000 M Ω

MEASURED AT 100VDC, 60 SEC. AND 20°C

8. WITHSTAND VOLTAGE:

APPLIED 2500V.DC FOR 60 SEC. OR 4000V.DC FOR 1 SEC

9. CLIMATE CATEGORY: IN ACCORDANCE WITH DIN40040 GMF

G (MINIMUM LIMIT TEMPERATURE)=-40°C

M (MAXIMUM LIMIT TEMPERATURE)=+100°C

F (HUMIDITY CATEGORY)=AVERAGE RELATEIVE HV M ID I T Y \cong 75%, 95% FOR 30
DAYS PER YEAR, CONTINUOUSLY; 85% FOR THE
REMATINING DAYS, OCCASIONALLY

10. HUMIDITY TEST:

TEST CONDIDITON

TEST TEMPER ATURE : $40 \pm 2^\circ\text{C}$

RELATIVE HUMIDITY : 90 TO 95%

TEST DURATION : 500 HRS

TEST CRITERIA

(1) CAPACITANCE DRIFT : \cong 5% OF THE INITIAL VALUE

(2) INSULATION RESISTANCE : \cong 50% OF SPECIFIED VALUE

11. LIFE TEST:

TEST CONDITION

TEST TEMPERATURE : $100 \pm 3^\circ\text{C}$

TEST VOLTAGE :468VAC AND 1000VDC 60HZ FOR A PERIOD OF
0.1 SEC. ONCE EACH HOUR

TEST DURATION : 1008 HRS

TEST CRITERIA

(1) CAPACITANCE DRIFT : \cong 10% OF THE INITIAL VALUE

(2) INSULATION RESISTANCE : \cong 50% OF SPECIFIED VALUE

(3) VISUAL INSPECTION : NO DETECTABLE DAMAGE

12. SOLDERABILITY:

TEST CONDITIONS

SOLDER BATH TEMPERATURE : $260 \pm 5^\circ\text{C}$

SOLDER : Sn/Cu=99.3%/0.7%

SOLDER TIME : 3 ± 0.5 SEC

TEST CRITERIA

75% OF THE SURFACE TINNING

13. VIBRATION RESISTANCE: (JIS 5115)

TEST CONDITIONS

FREQUENCY CYCLE : 1 MINUTE PER CYCLE 10-55-10 HZ

TEST DURATION : PERPENDICULAR DIRECTION WITH THE SAME
METHOD FOR 45 MINUTES EACH, TOTAL 90 MINUTES

TEST CRITERIA

(1) APPEARANCE : NO VISUAL DAMAGE

(2) CONTACT : NORMAL

14. TENSILE STRENGTH OF ELECTRODES:

TEST CONDITIONS

LOAD CONDITIONS : 1.0KGS

HOLDING TIME : 10 ± 1 SEC

TEST CRITERIA

NO WIRE BROKEN AND NO DAMAGE OF THE CAPACITOR

15. MARKING:

CAPACITORS ARE MARKED WITH TYPE IDENTIFICATION, CAPACITANCE,
CAPACITANCE TOLERANCE, VOLTAGE AND APPROVED CERTIFICATION MARK

16. APPROVED BY: VDE:: NEMKO: DEMKO; SEMKO; FIMKO; UL :

VDE FILE NO. 40000362

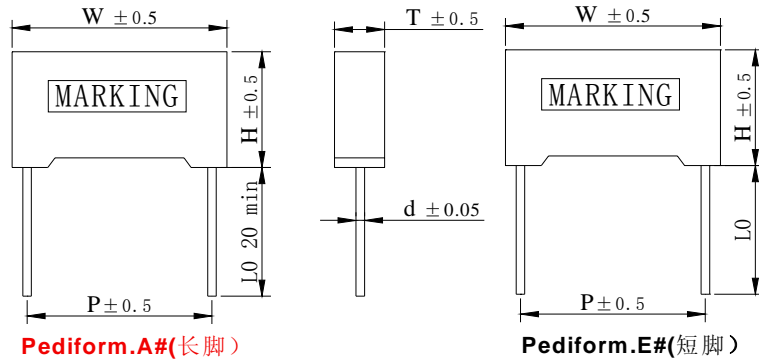
NEMKO FILE NO. 48891

DEMKO FILE NO. 311148-01

SEMKO FILE NO. 0202066/01

FIMKO FILE NO.2011061

UL FILE NO. E222911



(Unit:mm)

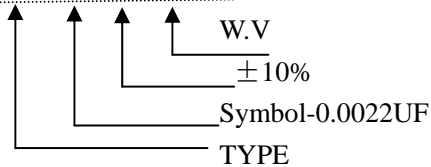
Y2-class film Capacitor size.

| Capacitance | | Dimennsions | | | | | Capacitance | | Dimennsions | | | | |
|-------------|--------|-------------|------|-----|------|-----|-------------|--------|-------------|------|------|------|-----|
| C(UF) | symbol | W | H | T | P | dØ | C(UF) | symbol | W | H | T | P | dØ |
| 0.001 | 102 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.01 | 103 | 18.0 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0015 | 152 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.015 | 153 | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0022 | 222 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.022 | 223 | 18.0 | 13.0 | 7.5 | 15.0 | 0.8 |
| 0.0027 | 272 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.033 | 333 | 18.0 | 13.0 | 7.5 | 15.0 | 0.8 |
| 0.0033 | 332 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.047 | 473 | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.0047 | 472 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.068 | 683 | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.0056 | 562 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 0.1 | 104 | 18.0 | 19.0 | 11.0 | 15.0 | 0.8 |
| 0.0068 | 682 | 18.0 | 11.0 | 5.0 | 15.0 | 0.6 | | | | | | | |

*Please contact us for special item or size not listed.

| µF / V | Tolerance | W | H | T | Pediform | P | L0 | dØ |
|--------|-----------|---|---|---|----------|---|----|----|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Part Numbering : MEY-222K/275VAC



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