



# 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			

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### 深圳天泰電器元件有限公司

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# 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 $\mu$ F to 0.1  $\mu$ F

#### 4. CAPACITANCE TOLERANCE:

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

#### 5. DIELECTRIC:

METALLIZED POLYPROPYLENE FILM

#### 6. DISSIPATION FACTOR Tan $\delta$ :

LESS THAN 0.1% at 1 kHz AND 20 $^{\circ}$ C

#### 7. INSULATION RESISTANCE:

BETWEEN ELECTRODES

LESS THAN OR EAUAL TO  $\cong$  15,000 M  $\Omega$

MEASURED AT 100VDC, 60 SEC. AND 20 $^{\circ}$ 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 :  $3 \pm 0.5$  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 :  $10 \pm 1$  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

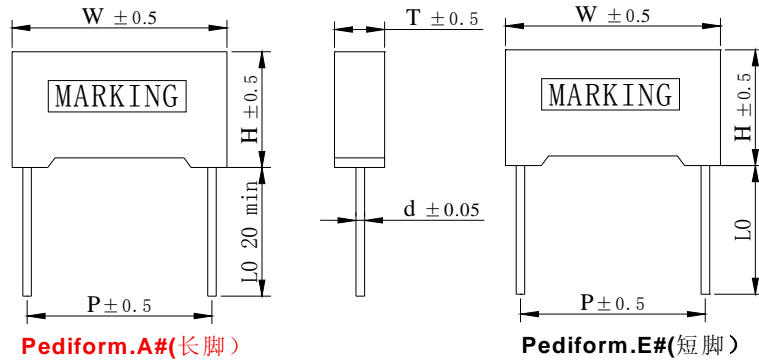
NEMKO FILE NO. 48891

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	<b>0.033</b>	<b>333</b>	<b>18.0</b>	<b>13.0</b>	<b>7.5</b>	<b>15.0</b>	<b>0.8</b>
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

