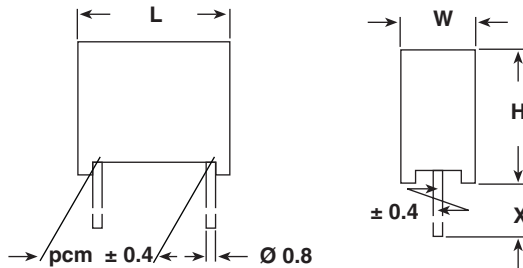
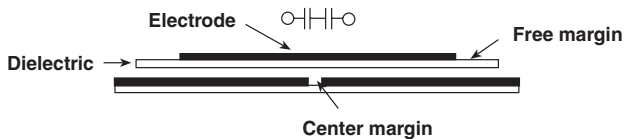


## AC-Capacitors, Suppression Capacitors Class X1 AC 400 V (MKT)

Dimensions in mm



LEAD LENGTH X (mm)	ORDERING CODE**
4 <sup>-1</sup>	F1722-...-4204
6 <sup>-1</sup>	F1722-...-4200
15 <sup>-1</sup>	F1722-...-4215
30 <sup>+5</sup>	F1722-...-4230


**MAXIMUM PULSE RISE TIME: ( $d_v/d_t$ ) in V/ $\mu$ s**

RATED VOLTAGE	PITCH (mm)			
	15.0	22.5	27.5	37.5
AC 440 V	200	150	100	100

**RATED VOLTAGE:**

AC 440 V, 50/60 Hz

**PERMISSIBLE DC VOLTAGE:**

DC 1000 V

**TERMINALS:**

Radial tinned copper wire

**COATING:**

Plastic case, epoxy resin sealed, flame retardant UL 94V-0

**CLIMATIC TESTING CLASS ACC. TO EN 60068-1:**

40/100/56

**CAPACITANCE RANGE:**

 E6 series 0.01  $\mu$ FX2 - 0.47  $\mu$ FX1

E12 values on request

**FURTHER TECHNICAL DATA:**

See page 59 (Document No 26515)

**FEATURES:**

Product is completely lead (Pb)-free

Product is RoHS compliant


**CAPACITANCE TOLERANCE:**

 Standard:  $\pm 20\%$ 

**DISSIPATION FACTOR TAN $\delta$ :**
 $< 1\%$  measured at 1 kHz

**RoHS  
COMPLIANT**
**INSULATION RESISTANCE: FOR  $C \leq 0.33 \mu$ F:**

 30 G $\Omega$  average value

 15 G $\Omega$  minimum value

**TIME CONSTANT FOR  $C > 0.33 \mu$ F:**

10000 sec. average value

5000 sec. minimum value

**TEST VOLTAGE:**

(Electrode/electrode): DC 2150 V/2 sec.

**REFERENCE STANDARDS:**

EN 132 400, 1994

EN 60068-1

IEC 60384-14/2, 1993

UL 1283

UL 1414

CSA 22.2 No. 8-M 86

CSA 22.2 No. 1-M 90

**DIELECTRIC:**

Polyester film

**ELECTRODES:**

Metal evaporated

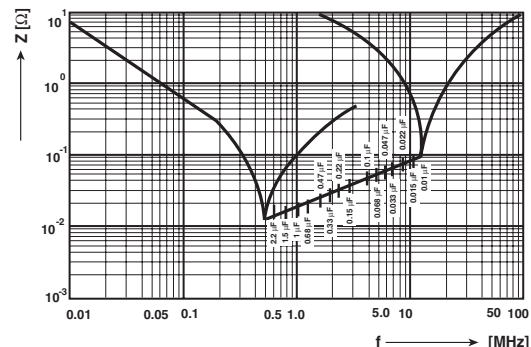
**CONSTRUCTION:**

Metallized film capacitor

Internal series connection



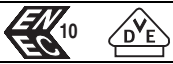
Between interconnected terminations and case (foil method):

AC 2500 V for 2 sec. at 25 °C.


 Impedance (Z) as a function of frequency (f) at  $T_a = 20\text{ °C}$  (average).

Measurement with lead length 6 mm.

## APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250 V)	UL 1283 UL 1414	0.01 - 0.47 $\mu$ FX 0.01 - 0.47 $\mu$ FX	Pending E100682	
Canada (for AC 250 V)	C 22.2 No. 8-M 1986 C 22.2 No. 1-M 1994	0.01 - 0.47 $\mu$ FX 0.01 - 0.47 $\mu$ FX	Pending Pending	
<b>CB TEST-CERTIFICATE (for AC 440 V)</b>		0.01 - 0.47 $\mu$ FX1	DE 1-8790	
Germany	EN 132 400; 1999 IEC 60384-14, 2nd edition; 1995	0.01 - 0.47 $\mu$ FX1	40005095	
This approval mark together with the CB-Certificate replace all national approval marks of the following countries (they have already signed the CB-Agreement):				
Austria	Belgium	Denmark	Finland	Sweden
France	Germany	Ireland	Italy	Switzerland
Netherlands	Israel	Portugal	Spain	Great Britain
Japan	Norway	China	Poland	Czech. Republic
Singapore	Rep. of Korea	Hungary	Iceland	Slovenia

CAPACITANCE	TOL. (%)	PITCH (mm)	BOX NO.	DIMENSIONS W x H x L (+ 0.2/- 0.4 mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)*	ORDERING CODE**
0.01 $\mu$ FX1	$\pm$ 20	15.0	05	5.3 x 10.3 x 17.8	1.4	750	F1722-310-42 ..
0.015 $\mu$ FX1	$\pm$ 20	15.0	49	6.0 x 12.0 x 17.9	2.0	600	F1722-315-42 ..
0.022 $\mu$ FX1	$\pm$ 20	15.0	07	7.3 x 13.3 x 17.9	2.0	600	F1722-322-42 ..
0.033 $\mu$ FX1	$\pm$ 20	15.0	08	8.3 x 14.3 x 17.8	2.7	325	F1722-333-42 ..
0.047 $\mu$ FX1	$\pm$ 20	22.5	09	6.3 x 14.3 x 26.3	3.3	260	F1722-347-42 ..
0.047 $\mu$ FX1	$\pm$ 20	15.0	28	8.3 x 17.3 x 17.8	3.5	300	F1722-347-426 .
0.068 $\mu$ FX1	$\pm$ 20	22.5	11	7.3 x 15.3 x 26.3	4.1	235	F1722-368-42 ..
0.068 $\mu$ FX1	$\pm$ 20	15.0	35	10.3 x 17.3 x 17.8	4.3	225	F1722-368-426 .
0.1 $\mu$ FX1	$\pm$ 20	22.5	12	8.3 x 16.3 x 26.3	4.6	200	F1722-410-42 ..
0.1 $\mu$ FX1	$\pm$ 20	15.0	36	13.3 x 22.3 x 17.8	4.2	185	F1722-410-426 .
0.15 $\mu$ FX1	$\pm$ 20	27.5	29	8.8 x 18.3 x 31.3	6.8	160	F1722-415-42 ..
0.15 $\mu$ FX1	$\pm$ 20	22.5	13	10.3 x 18.3 x 26.3	6.7	170	F1722-415-426 .
0.22 $\mu$ FX1	$\pm$ 20	27.5	14	11.0 x 20.3 x 31.3	9.1	125	F1722-422-42 ..
0.22 $\mu$ FX1	$\pm$ 20	22.5	27	12.3 x 19.8 x 26.3	8.7	125	F1722-422-426 .
0.33 $\mu$ FX1	$\pm$ 20	27.5	15	13.0 x 23.3 x 31.3	12.9	110	F1722-433-42 ..
0.33 $\mu$ FX1	$\pm$ 20	22.5	38	15.3 x 26.3 x 26.3	14.3	100	F1722-433-426 .
0.47 $\mu$ FX1	$\pm$ 20	37.5	44	12.0 x 22.3 x 41.3	15.2	90	F1722-447-42 ..
0.47 $\mu$ FX1	$\pm$ 20	27.5	17	16.0 x 29.3 x 31.3	20.0	85	F1722-447-426 .

Inbuilt discharging resistor on request (with larger case dimensions).

\* Further information about packaging quantities with different lead length and/or taped versions.

See page 16 (Document No 27608 Packing Quantities). Use Box No. as reference

\*\* These capacitors can be delivered on continuous tape and reel - see page 14/15 (Document No. 27622).

The ordering code is F1722-...-4290 at H = 16.5 mm

F1722-...-4291 at H = 18.5 mm

F1722-...-4961 at H = 16.5 mm

F1722-...-4961 at H = 18.5 mm



## Disclaimer

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