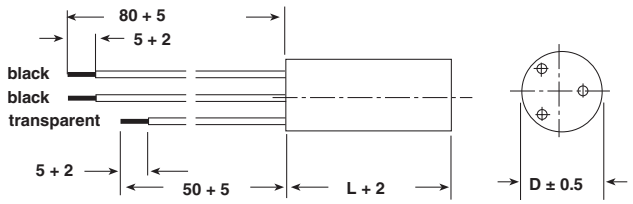
Suppression Capacitors (Bi-polar)
Class X1/Y2 AC 275/250 V

Dimensions in mm



FEATURES:
Product is completely lead (Pb)-free
Product is RoHS compliant

Pb-free

e3

RoHS COMPLIANT

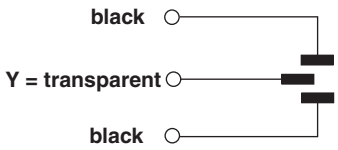
TERMINALS:
Insulated stranded copper wire, type LiY 0.5 mm^2 (or AWG 20) ends stripped and tinned

RATED VOLTAGE:
AC 275 V, 50/60 Hz --> X1
AC 250 V, 50/60 Hz --> Y2

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

TECHNICAL DATA:
See page 73 (Document Number 27001)

CIRCUIT DIAGRAMM:

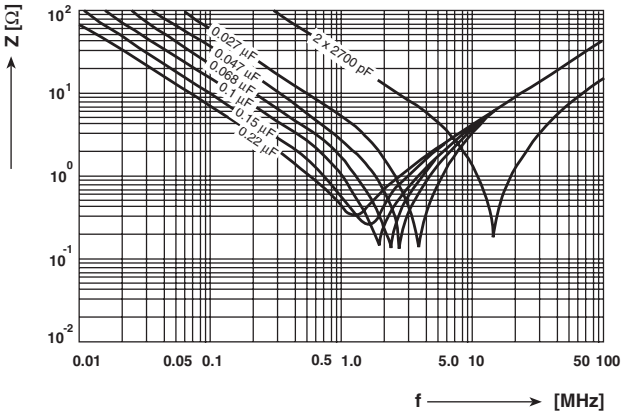


CAPACITANCE X-VALUE	CAPACITANCE Y-VALUE	DIMENSIONS D x L (mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)	ORDERING CODE*
0.022 µFX1	2 x 2700 pFY2	12 x 27	6.5	500	F1740-322-3511-E3
0.027 µFX1	2 x 2700 pFY2	12 x 27	6.6	500	F1740-327-3511-E3
0.033 µFX1	2 x 2700 pFY2	12 x 35	7.0	500	F1740-333-3511-E3
0.047 µFX1	2 x 2700 pFY2	12 x 35	7.6	500	F1740-347-3511-E3
0.068 µFX1	2 x 2700 pFY2	14 x 35	10.0	400	F1740-368-3511-E3
0.1 µFX1	2 x 2700 pFY2	16 x 35	13.5	300	F1740-410-3511-E3
0.15 µFX1	2 x 2700 pFY2	18 x 35	16.6	300	F1740-415-3511-E3
0.22 µFX1	2 x 2700 pFY2	20 x 35	22.5	250	F1740-422-3511-E3
0.27 µFX1	2 x 2700 pFY2	20 x 50	26.1	200	F1740-427-3511-E3
0.33 µFX1	2 x 2700 pFY2	20 x 50	28.1	200	F1740-433-3511-E3
0.47 µFX1	2 x 2700 pFY2	25 x 50	43.5	150	F1740-447-3511-E3
0.027 µFX1	2 x 4700 pFY2	12 x 35	7.7	500	F1740-327-3581-E3
0.033 µFX1	2 x 4700 pFY2	12 x 35	7.7	500	F1740-333-3581-E3
0.047 µFX1	2 x 4700 pFY2	14 x 35	9.6	400	F1740-347-3581-E3
0.068 µFX1	2 x 4700 pFY2	14 x 35	10.1	400	F1740-368-3581-E3
0.1 µFX1	2 x 4700 pFY2	16 x 35	13.0	300	F1740-410-3581-E3
0.15 µFX1	2 x 4700 pFY2	18 x 35	16.6	300	F1740-415-3581-E3
0.22 µFX1	2 x 4700 pFY2	20 x 35	21.4	250	F1740-422-3581-E3
0.27 µFX1	2 x 4700 pFY2	20 x 50	26.3	200	F1740-427-3581-E3
0.33 µFX1	2 x 4700 pFY2	20 x 50	28.1	200	F1740-433-3581-E3
0.47 µFX1	2 x 4700 pFY2	25 x 50	43.5	150	F1740-447-3581-E3

* With and mark, the ordering code is F1740-. . .-34-E3.
The suffix “E3” is used for the RoHS-compliant version, although in most cases this is the only available version.

APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250 V)	UL 1283	0.022 µFX - 0.47 µFX + 2 x 2700 pFY - 2 x 0.027 µFY	E 76297	
CB TEST-CERTIFICATE		0.022 µFX1 - 0.47 µFX + 2 x 2700 pFY2 - 2 x 0.027 µFY2	CH 676-A1	
Switzerland (for AC 275/250 V)	EN 132 400 IEC 60384-14, 2nd edition	0.022 µFX1 - 0.47 µFX1 + 2 x 2700 pFY2 - 2 x 0.027 µFY2	96.1 10036.02	
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



Impedance (Z) of F1740-3511/3411 as a function of frequency (f) at T_a = 20 °C (average).
Measurement with lead length 50 mm.

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