Suppression Capacitors (Quadripole)
Class X1/Y2 AC 275V/250V

TECHNICAL DATA:
See page 73 (Document Number 27001)

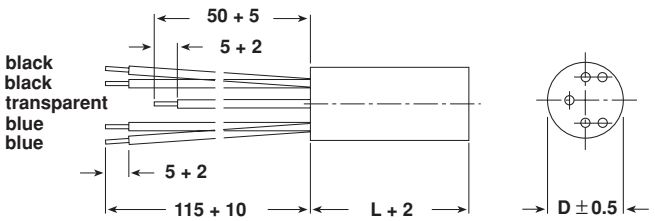
TERMINALS:
Insulated stranded copper wire, type LiY 0.5mm² (or AWG20) ends stripped and tinned
or
insulated solid copper wire, type YV (d = 0.8mm) on request.

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

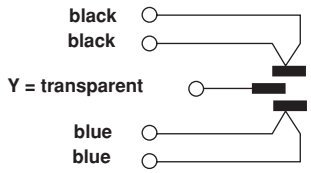
RATED CURRENT:
≤ 4 A: 0.5 mm² (or AWG 20)
≤ 6 A: 0.75 mm² (or AWG 18)
≤ 16 A: 1.5 mm² (or AWG 16)

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

Dimensions in mm



CIRCUIT DIAGRAM:



CAPACITANCE X-Value	CAPACITANCE Y-Value	RATED CURRENT* at + 40°C	DIMENSIONS D x L (mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)	ORDERING CODE
0.022 µFX1	2 x 2700 pFY2	4 amps*	12 x 27	9.5	500	F1740-322-5511
0.027 µFX1	2 x 2700 pFY2	4 amps*	12 x 27	9.6	500	F1740-327-5511
0.033 µFX1	2 x 2700 pFY2	4 amps*	12 x 35	10.0	500	F1740-333-5511
0.047 µFX1	2 x 2700 pFY2	4 amps*	12 x 35	10.3	500	F1740-347-5511
0.068 µFX1	2 x 2700 pFY2	4 amps*	14 x 35	12.4	400	F1740-368-5511
0.1 µFX1	2 x 2700 pFY2	4 amps*	16 x 35	14.8	300	F1740-410-5511
0.15 µFX1	2 x 2700 pFY2	4 amps*	18 x 35	18.0	300	F1740-415-5511
0.22 µFX1	2 x 2700 pFY2	4 amps*	20 x 35	20.0	250	F1740-422-5511
0.27 µFX1	2 x 2700 pFY2	4 amps*	20 x 50	29.0	200	F1740-427-5511
0.33 µFX1	2 x 2700 pFY2	4 amps*	20 x 50	30.5	200	F1740-433-5511
0.47 µFX1	2 x 2700 pFY2	4 amps*	20 x 50	40.0	150	F1740-447-5511
0.027 µFX1	2 x 4700 pFY2	4 amps*	12 x 35	9.6	500	F1740-327-5581
0.033 µFX1	2 x 4700 pFY2	4 amps*	12 x 35	10.0	500	F1740-333-5581
0.047 µFX1	2 x 4700 pFY2	4 amps*	14 x 35	10.3	400	F1740-347-5581
0.068 µFX1	2 x 4700 pFY2	4 amps*	14 x 35	12.4	400	F1740-368-5581
0.1 µFX1	2 x 4700 pFY2	4 amps*	16 x 35	14.8	300	F1740-410-5581
0.15 µFX1	2 x 4700 pFY2	4 amps*	18 x 35	18.0	300	F1740-415-5581
0.22 µFX1	2 x 4700 pFY2	4 amps*	20 x 35	20.0	250	F1740-422-5581
0.27 µFX1	2 x 4700 pFY2	4 amps*	20 x 50	29.0	200	F1740-427-5581
0.33 µFX1	2 x 4700 pFY2	4 amps*	20 x 50	30.5	200	F1740-433-5581
0.47 µFX1	2 x 4700 pFY2	4 amps*	25 x 50	40.0	150	F1740-447-5581

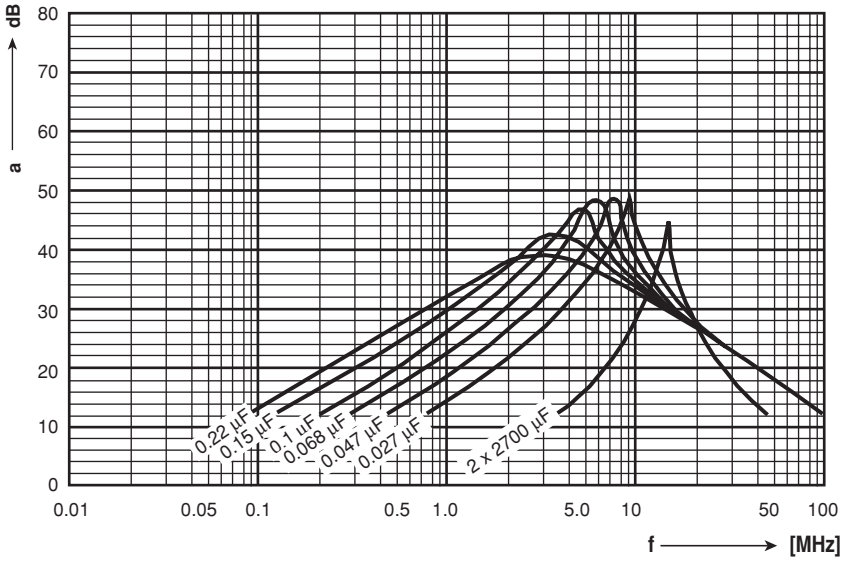
*Higher rated current on request.
**With mark, the ordering code is F1740 - . . . - 54..

APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250V)	UL 1283	0.22 µFX - 0.47 µFX + 2 x 2700 pFY - 2 x 0.027 µFY	E76297	
CB TEST-CERTIFICATE		0.22 µFX1 - 0.47 µFX1 + 2 x 2700 pFY2 - 2 x 0.027 µFY2	CH 676-A1	
Switzerland (for AC 275/250V)	EN 132 400, 1994 IEC 60384-14, 2nd edition	0.22 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



Insertion loss (Averag) of 1740-5511/5411
Class X1Y2.
Measurement at 60Ω-System with parallel leads (50mm).