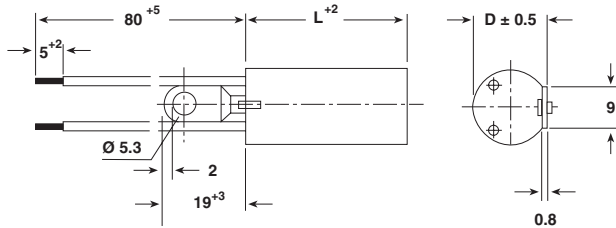
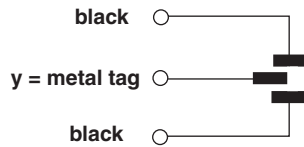


Suppression Capacitors (Bi-polar) Class X1/Y2 AC 275/250 V

Dimensions in mm


CIRCUIT DIAGRAMM:

FEATURES:

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

**RoHS
COMPLIANT**
TERMINALS:

 Y-contact as metal tag with a hole of Ø 5.3 mm
 (Ø 4.3 mm on request)
 X-connection as:
 insulated stranded copper wire, type LiY 0.5 mm²
 (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)

CAPACITANCE X-VALUE	CAPACITANCE Y-VALUE	DIMENSIONS D x L (mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)	ORDERING CODE*
0.022 µFX1	2 x 2700 pFY 2	14 x 35	10.3	400	F1740-322-3550-E3
0.027 µFX1	2 x 2700 pFY 2	14 x 35	10.3	400	F1740-327-3550-E3
0.033 µFX1	2 x 2700 pFY 2	14 x 35	10.4	400	F1740-333-3550-E3
0.047 µFX1	2 x 2700 pFY 2	14 x 35	10.6	400	F1740-347-3550-E3
0.068 µFX1	2 x 2700 pFY 2	14 x 35	10.7	400	F1740-368-3550-E3
0.1 µFX1	2 x 2700 pFY 2	16 x 35	13.7	300	F1740-410-3550-E3
0.15 µFX1	2 x 2700 pFY 2	18 x 35	17.2	250	F1740-415-3550-E3
0.22 µFX1	2 x 2700 pFY 2	20 x 35	22.1	250	F1740-422-3550-E3
0.27 µFX1	2 x 2700 pFY 2	20 x 50	26.8	200	F1740-427-3550-E3
0.33 µFX1	2 x 2700 pFY 2	20 x 50	28.3	200	F1740-433-3550-E3
0.47 µFX1	2 x 2700 pFY 2	20 x 50	44.2	150	F1740-447-3550-E3
0.027 µFX1	2 x 4700 pFY2	14 x 35	9.6	400	F1740-327-3558-E3
0.033 µFX1	2 x 4700 pFY2	14 x 35	9.8	400	F1740-333-3558-E3
0.047 µFX1	2 x 4700 pFY2	14 x 35	10.0	400	F1740-347-3558-E3
0.068 µFX1	2 x 4700 pFY2	14 x 35	10.1	400	F1740-368-3558-E3
0.1 µFX1	2 x 4700 pFY2	16 x 35	13.7	300	F1740-410-3558-E3
0.15 µFX1	2 x 4700 pFY2	18 x 35	17.2	250	F1740-415-3558-E3
0.22 µFX1	2 x 4700 pFY2	20 x 35	22.0	250	F1740-422-3558-E3
0.27 µFX1	2 x 4700 pFY2	20 x 50	27.0	200	F1740-427-3558-E3
0.33 µFX1	2 x 4700 pFY2	20 x 50	28.5	200	F1740-433-3558-E3
0.47 µFX1	2 x 4700 pFY2	20 x 50	44.2	150	F1740-447-3558-E3

* With mark, the ordering code is F1740-...-345-E3.

The suffix "E3" is used for the RoHS-compliant version, although in most cases this is the only available version.

F1740-3550 and F1740-3558

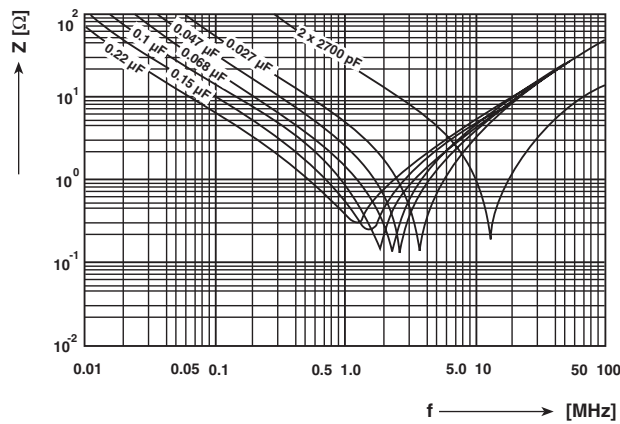


Vishay Roederstein

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

APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250 V)	UL 1283	0.022 μ FX - 0.47 μ FX + 2 x 2700 pFY - 2 x 0.027 μ FY	E 76297	
CB TEST-CERTIFICATE		0.022 μ FX1 - 0.47 μ FX + 2 x 2700 pFY2 - 2 x 0.027 μ FY2	CH 676-A1	
Switzerland (for AC 275/250 V)	EN 132 400 IEC 60384-14, 2nd edition	0.022 μ FX1 - 0.47 μ FX1 + 2 x 2700 pFY2 - 2 x 0.027 μ FY2	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 F1740-3550/3450 as a function of frequency (f) at $T_a = 20\text{ }^\circ\text{C}$ (average).

Measurement with lead length:

x - connection 50 mm

y - connection metal tag



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All product specifications and data are subject to change without notice.

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