

## Suppression Capacitors, (Bi-polar) Capacitors Class X1 AC 275V

### TECHNICAL DATA:

See page 73 (Document Number 27001)

### TERMINALS:

Insulated stranded copper wire, type LiY  
0.5mm<sup>2</sup> (or AWG 20) ends stripped and tinned  
or insulated solid copper wire, type YV  
(d = 0.8mm), ends stripped on request

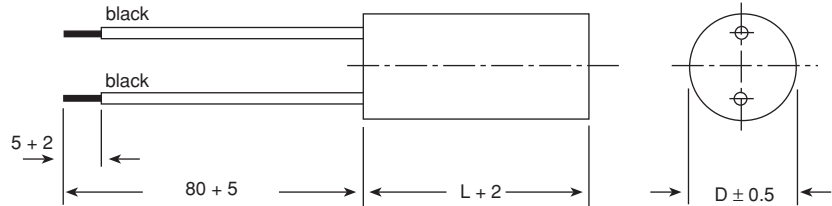
### COATING:

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

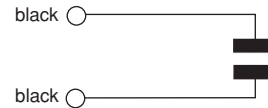
### RATED VOLTAGE:

AC 275V, 50/60Hz


Dimensions in mm



### CIRCUIT DIAGRAM:



CAPACITANCE	DIMENSIONS D x L (mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)	ORDERING CODE*
6800 pFX1	10 x 33	4.9	600	F1740-268-1511
8200 pFX1	10 x 33	5.0	600	F1740-282-1511
0.01 μFX1	10 x 33	5.1	600	F1740-310-1511
0.015 μFX1	10 x 33	5.3	600	F1740-315-1511
0.022 μFX1	10 x 33	5.7	600	F1740-322-1511
0.027 μFX1	12 x 27	6.0	500	F1740-327-1511
0.033 μFX1	12 x 27	6.3	500	F1740-333-1511
0.047 μFX1	12 x 35	6.8	500	F1740-347-1511
0.068 μFX1	14 x 35	8.6	400	F1740-368-1511
0.1 μFX1	16 x 35	10.8	300	F1740-410-1511
0.15 μFX1	18 x 35	13.9	300	F1740-415-1511
0.22 μFX1	20 x 35	16.6	250	F1740-422-1511
0.27 μFX1	20 x 50	22.5	200	F1740-427-1511
0.33 μFX1	20 x 50	23.0	200	F1740-433-1511
0.47 μFX1	20 x 50	36.5	150	F1740-447-1511

\*With  mark, the ordering code is F1740-...-1411.

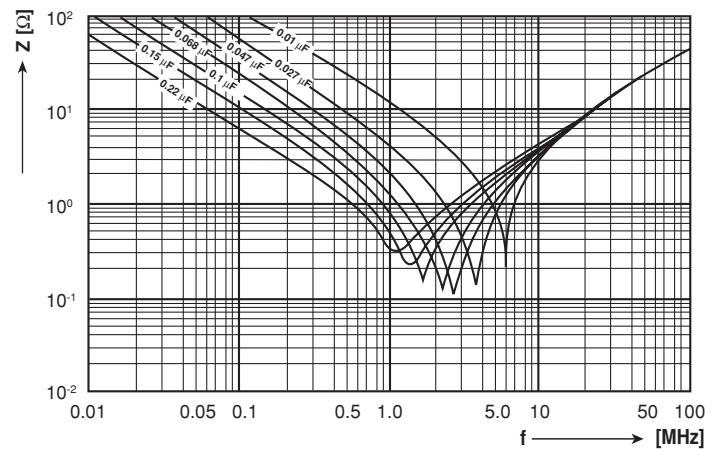


# F1740-1511 and F1740-1411

Suppression Cap. (Bi-polar) Class X1 AC 275V Vishay Roederstein

## APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250V)	UL 1283	6800pFX - 0.47 $\mu$ FX	E 76297	
<b>CB TEST-CERTIFICATE (for AC 275V)</b>		6800pFX1 - 0.47 $\mu$ FX1	DE 1-6351	
Germany for AC 275V	EN 132 400 IEC 60384-14, 2nd edition	6800pFX1 - 0.47 $\mu$ FX1	94601	
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) as a function of frequency (f)  
at  $T_a = 20^\circ\text{C}$  (average).  
Measurement with lead length 50mm.