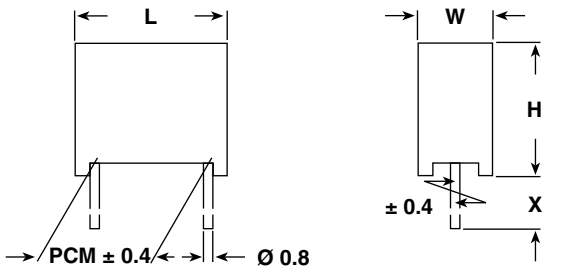
AC Capacitors, Suppression Capacitors, Class Y2 AC 250 V (MKT)



Dimensions in mm

LEAD LENGTH x (mm)	ORDERING CODE (2)
4^{-1}	F1710-. . .-1004
6^{-1}	F1710-. . .-1000
15^{-1}	F1710-. . .-1015
30^{+5}	F1710-. . .-1030

FEATURES

• Compliant to RoHS directive 2002/95/EC

TERMINALS

Radial tinned wire

RATED VOLTAGE

AC 250 V, 50 Hz/60 Hz

COATING

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

TECHNICAL DATA

See page 71 (Document Number 26525)

CAPACITANCE	TOL. (%)	PITCH (mm)	BOX NO.	DIMENSIONS W x H x L (mm) (+ 0.2 mm/- 0.4 mm)	WEIGHT LEAD LENGTH ≤ 6^{-1} mm (g)	QUANTITY PACKAGE LEAD LENGTH ≤ 6^{-1} mm (pcs)	ORDERING CODE (2)
1000 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-210-10 . .**
1200 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-212-10 . .
1500 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-215-10 . .**
1800 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-218-10 . .
2200 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-222-10 . .**
2700 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-227-10 . .
3300 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-233-10 . .**
3900 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-239-10 . .
4700 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-247-10 . .**
5600 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-256-10 . .
6800 pFY2	**± 20**	**15**	**05**	**5.3 x 10.3 x 17.8**	**1.4**	**750**	**F1710-268-10 . .**
8200 pFY2	± 20	15	06	6.3 x 12.3 x 17.8	2.0	500	F1710-282-10 . .
0.01 µFY2	**± 20**	**15**	**06**	**6.3 x 12.3 x 17.8**	**2.0**	**500**	**F1710-310-10 . .**
0.012 µFY2	± 20	15	07	7.3 x 13.3 x 17.8	2.4	450	F1710-312-10 . .
0.015 µFY2	**± 20**	**15**	**07**	**7.3 x 13.3 x 17.8**	**2.4**	**450**	**F1710-315-10 . .**
0.018 µFY2	± 20	15	28	8.3 x 17.3 x 17.8	3.4	300	F1710-318-10 . .
0.022 µFY2	**± 20**	**15**	**28**	**8.3 x 17.3 x 17.8**	**3.4**	**300**	**F1710-322-10 . .**
0.027 µFY2	± 20	22.5	09	6.3 x 14.3 x 26.3	3.5	260	F1710-327-10 . .
0.033 µFY2	**± 20**	**22.5**	**09**	**6.3 x 14.3 x 26.3**	**3.5**	**260**	**F1710-333-10 . .**
0.039 µFY2	± 20	22.5	11	7.3 x 15.3 x 26.3	3.9	235	F1710-339-10 . .
0.047 µFY2	**± 20**	**22.5**	**12**	**8.3 x 16.3 x 26.3**	**4.8**	**200**	**F1710-347-10 . .**
0.056 µFY2	± 20	22.5	13	10.3 x 18.3 x 26.3	6.6	170	F1710-356-10 . .
0.068 µFY2	**± 20**	**22.5**	**13**	**10.3 x 18.3 x 26.3**	**6.6**	**170**	**F1710-368-10 . .**
0.082 µFY2	± 20	27.5	14	11.0 x 20.3 x 31.3	9.4	125	F1710-382-10 . .
0.1 µFY2	**± 20**	**27.5**	**14**	**11.0 x 21.0 x 31.0**	**9.4**	**125**	**F1710-410-10 . .**

Notes

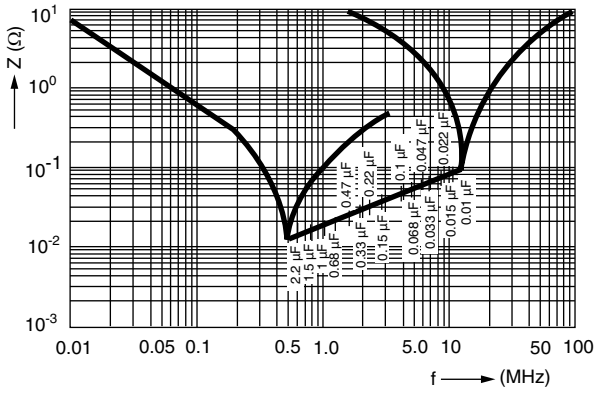
• Preferred values in bold print.

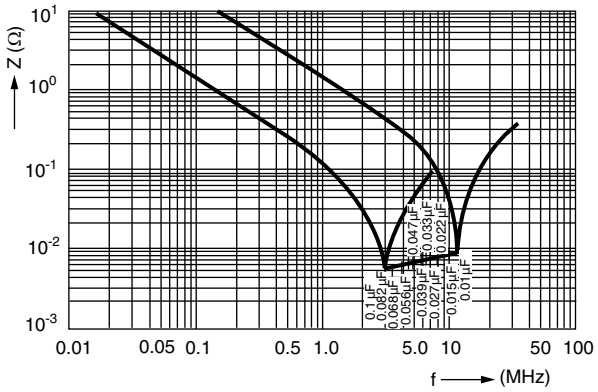
(1) Further information about packaging quantities with different lead length and/or taped versions
See page 16 (Document No. 27608 Packaging Quantities). Use Box No. as reference

(2) These capacitors can be delivered on continuous tape and reel see page 14/15 (Document Number 27622)
The ordering code is then: F1710-. . .-1900 at H = 16 mm, F1710-. . .-1901 at H = 18.5 mm.

APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250 V)	UL 1283 UL 1414	0.01 µF X to 0.1 µF X 0.01 µF X to 0.1 µF X	E 76297 E 100682	
Canada (for AC 250 V)	C 22.2 No. 1-M 1994	1000 pF Y2 to 0.1 µF Y2	2167188	
CB TEST-CERTIFICATE (for AC 275 V)		1000 pF Y2 to 0.1 µF Y2	DE 1-8790	
Germany	EN 132 400; 1999 IEC 60384-14, 2nd edition, 1995	1000 pF Y2 to 0.1 µF X2	94613	
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 °C (average)
Measurement with lead length 6 mm.

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