

SERIES F1740-xxx-1511/-1411

Suppression Capacitors

Bi-Polar, Class X1

A COMPANY OF
VISHAY
Roederstein



FEATURES

- Series -1411 UL recognized
- Special lead lengths available
- Terminal and connectors available
- Broad range of European Agency approvals

SPECIFICATIONS

Capacitance Tolerance: $\pm 20\%$.

Dielectric: Paper impregnated, plastic foil.

Electrodes: Aluminum foil.

Insulation Resistance: For $C \leq 0.33\mu\text{F}$ ≥ 6000 Megohm.

Time Constant: For $C > 0.33\mu\text{F}$ 2000 seconds.

Rated Voltage: 250 VAC, 50/60 Hz.

Test Voltage: X-Capacitance: 1625 VDC, 2 seconds.

Y-Capacitance: 1800 VAC or 2700 VDC, 2 seconds.

Coating: Cylindrical plastic can, epoxy resin sealed.

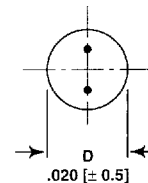
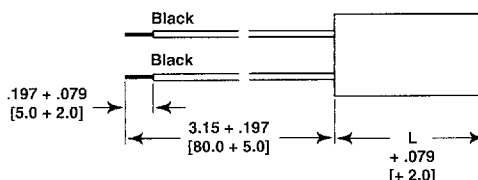
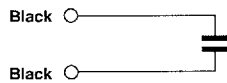
Leads: Insulated stranded copper wire type LIY 0.5mm² (or AWG 20/TR 32). Lead ends stripped and tinned.

DIN Classification: According to DIN 40040: $\leq 0.68\mu\text{F}$, HMF.
 $> 0.68\mu\text{F}$, HPF.

IEC Test Classification: 25/100/21 according to IEC 68-1 and DIN 40045.

Reference Standards: VDE 0565, part 1 IEC Publication 161, DIN 40040 and UL 1283.

CIRCUIT DIAGRAM AND DIMENSIONAL CONFIGURATIONS (Numbers in brackets indicate millimeters)



PART NUMBER*	CAPACITANCE**	D x L	RATED VOLTAGE VAC 50/60 Hz
F1740-310-1511	0.01 μF X 1	.3937 x 1.3 [10.0 x 33.0]	250
F1740-327-1511	0.027 μF X 1	.472 x 1.06 [12.0 x 27.0]	250
F1740-347-1511	0.047 μF X 1	.472 x 1.377 [12.0 x 35.0]	250
F1740-368-1511	0.068 μF X 1	.551 x 1.377 [14.0 x 35.0]	250
F1740-410-1511	0.1 μF X 1	.629 x 1.377 [16.0 x 35.0]	250
F1740-415-1511	0.15 μF X 1	.709 x 1.377 [18.0 x 35.0]	250
F1740-422-1511	0.22 μF X 1	.787 x 1.377 [20.0 x 35.0]	250

* With mark the article number is F1740-xxx-1411. ** Further values according to Row E12 of DIN 41426 and IEC 63 on request.

APPROVALS

COUNTRY	SPECIFICATION	APPROVAL REFERENCE	APPROVAL MARK
Germany VDE	0565 Part 1, Class X1	30401	
Switzerland SEV	1055, 1978	J1.21/543	
Denmark DEMKO	IEC 384-14, 1981	86715 EC	
Sweden SEMKO	IEC 384-14, 1981	8730097; 8730100	
Norway NEMKO	IEC 384-14, 1981	E 35998; E 35999	
Finland SETI	IEC 384-14, 1981	096758-01; 096757-01	
USA UL	UL 1283	E 76297	
Italy IMQ	CEI 40-7/VI-1980	V 0062	
Austria ÖVE	IEC 384-14, 1981	1073-000-04	