

CAAAA

- Wide temperature products, ultra-long service life of 50 years.
- Military products meet the environmental requirements of vibration and low pressure, and military products can be supplied according to the "seven specialty" level or the "general army" level.
- It is suitable for filtering, coupling and bypass in electronic circuits in aerospace, aviation, alpine, high altitude and ocean.

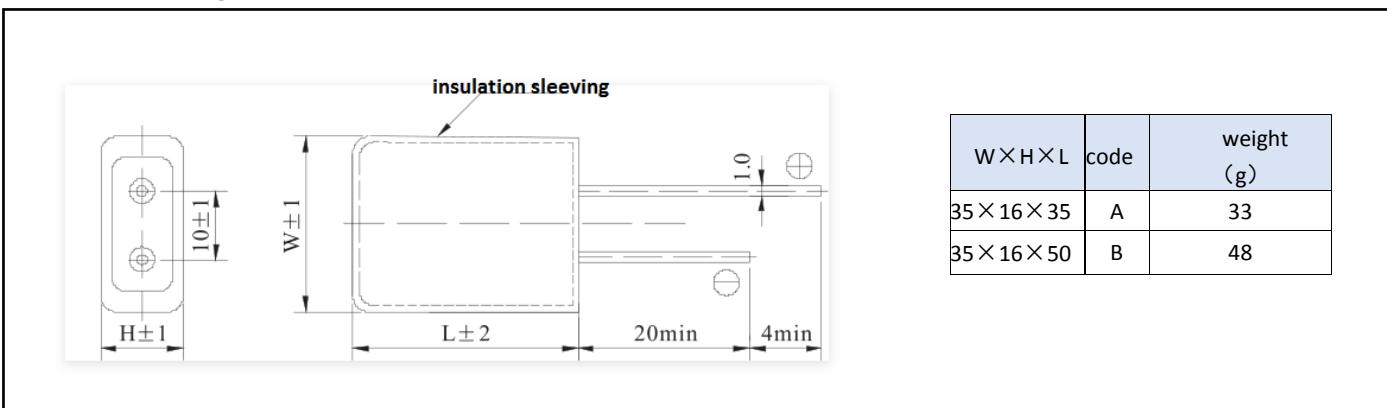


※Main technical parameters:

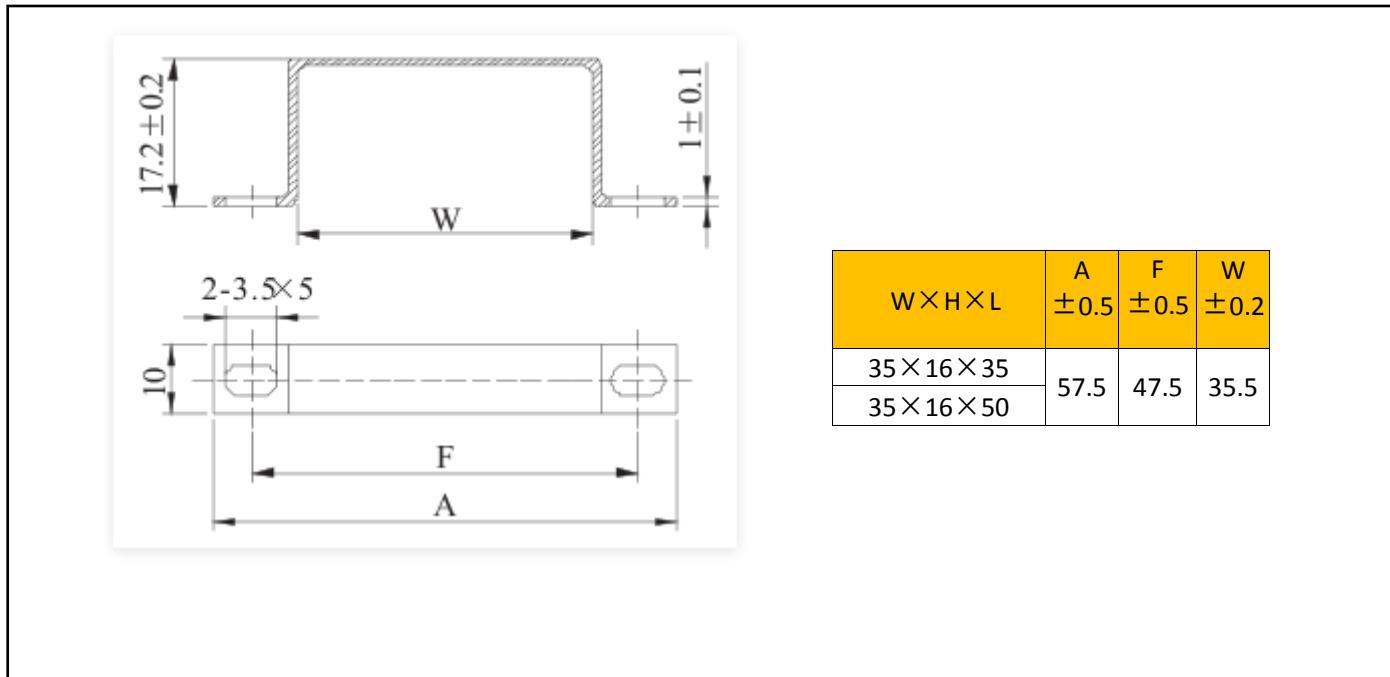
project		characteristic										
Operating temperature range		-55°C~+105°C										
Rated voltage range		16V~450V										
Nominal capacitance range		82 μF~22000 μF										
Allowable deviation of nominal capacitance (25°C, 120Hz)		M (±20%)										
DC leakage current (25°C, 5min)		$I \leq 0.01C_R U_R$ (μA) ; C_R : Nominal capacitance (μF) ; U_R : Rated voltage (V)										
Loss tangent $\tan \delta$ (max) (25°C, 120Hz)		For details, please refer to the "List of Product Specifications and Technical Parameters"										
Temperature characteristics (120 Hz.)	Impedance ratio	U_R (V)	16	25~100	160~250	350~450						
		$Z_{-55^{\circ}C}/Z_{+25^{\circ}C}$	≤5	≤3	≤7	≤12						
Rate of change in capacitance		$(C_{+25^{\circ}C}-C_{-55^{\circ}C})/C_{+25^{\circ}C} \leq 20\%$										
Durability		The rated voltage with ripple current is applied at 105°C for 5000h, and after recovery for 24h, the electrical performance is tested at room temperature (25°C±5°C), and its electrical performance conforms to:										
		<table border="1"> <tr> <td>Rate of change in capacitance</td><td>≤± 20% of the initial value</td></tr> <tr> <td>The loss angle tangent $\tan \delta$</td><td>≤ 200% of the initial specified value</td></tr> <tr> <td>DC leakage current</td><td>≤ initial prescriptive value</td></tr> </table>					Rate of change in capacitance	≤± 20% of the initial value	The loss angle tangent $\tan \delta$	≤ 200% of the initial specified value	DC leakage current	≤ initial prescriptive value
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DC leakage current	≤ initial prescriptive value											
Store at high temperatures		After storage at 105°C for 1000h, recovery for 24h, and test at room temperature (25°C±5°C), its electrical performance conforms to:										
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Executive standard number: Q/MN118-2016 Seven special standard number: QZJ840634

※Outline drawing and size table (mm)



※ Outline drawing and size table of mounting ring(mm)



※ parameters of sheet

Rated Voltage/V	Cap (μF)	W × H × L (mm)	tg δ (120Hz)	Ripple current Arms, 120Hz
16	15000	35 × 16 × 35	0.47	4.2
	22000	35 × 16 × 50	0.61	4.5
25	8200	35 × 16 × 35	0.31	3.0
	15000	35 × 16 × 50	0.45	4.8
35	5000	35 × 16 × 35	0.22	2.3
	6800	35 × 16 × 50	0.25	2.6
	8200	35 × 16 × 50	0.28	3.1
50	3300	35 × 16 × 35	0.15	2.5
	4700	35 × 16 × 35	0.18	2.5
	5000	35 × 16 × 50	0.19	3.3
	6800	35 × 16 × 50	0.22	3.5
63	2700	35 × 16 × 35	0.14	2.2
	3300	35 × 16 × 50	0.15	2.7
80	1500	35 × 16 × 35	0.12	2.0
	2200	35 × 16 × 50	0.13	2.7

Rated Voltage/V	Cap (μF)	W × H × L (mm)	tg δ (120Hz)	Ripple current Arms, 120Hz
100	1000	35 × 16 × 35	0.12	1.9
	1500	35 × 16 × 50	0.12	2.7
160	560	35 × 16 × 35	0.20	1.4
	680	35 × 16 × 50	0.20	1.8
200	330	35 × 16 × 35	0.20	1.1
	470	35 × 16 × 50	0.20	1.2
	560	35 × 16 × 50	0.20	1.4
250	270	35 × 16 × 35	0.20	0.8
	330	35 × 16 × 50	0.20	1.4
	470	35 × 16 × 50	0.20	1.6
350	150	35 × 16 × 35	0.20	0.7
	220	35 × 16 × 50	0.20	1.3
400	100	35 × 16 × 35	0.20	0.5
	150	35 × 16 × 50	0.20	1.1
450	82	35 × 16 × 35	0.20	0.3
	100	35 × 16 × 50	0.20	0.7

Part number sample

