



SV

Series

Features

- 5mm Be 5mm in height and mini-size
- DVD
- Suitable for camera, car audio, mini-audio sets, DVD, interphone, mobile phone, etc.
- RoHS Adapted to the RoHS directive.



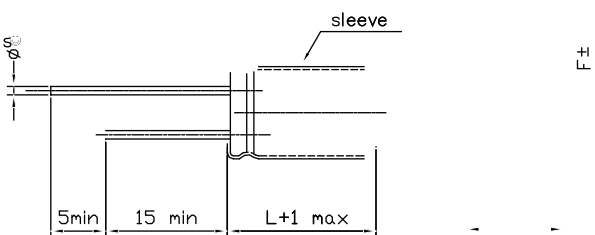
Specifications

Item	Performance Characteristics																								
Operating Temperature Range	-40~ +85																								
Rated Voltage Range	4~ 50V																								
Nominal Capacitance Range	0.1~ 470µF																								
Capacitance Tolerance	± 20% (120Hz, + 20°C)																								
Leakage Current	I 0.01CV (µA) 3µA 2 (at 20 , after 2 minutes) (Whichever is greater)																								
tg Dissipation Factor (+20 , 120Hz)	<table border="1"> <tr> <td>r (V)</td> <td>4</td> <td>6.3</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>tg</td> <td></td> <td>0.24</td> <td>0.16</td> <td>0.14</td> <td></td> <td></td> <td></td> </tr> </table>	r (V)	4	6.3	16					tg		0.24	0.16	0.14											
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Temperature Characteristics (Impedance ratio at 120Hz)	<table border="1"> <tr> <td>r (V)</td> <td>4</td> <td>6.3</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z-25 Z+20</td> <td>7</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z-40 Z+20</td> <td></td> <td></td> <td>6</td> <td>4</td> <td>4</td> <td></td> <td></td> </tr> </table>	r (V)	4	6.3	16					Z-25 Z+20	7	4						Z-40 Z+20			6	4	4		
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Load Life	+85 1000 16 After applying rated voltage for 1000 hours at +85 and then resumed for 16 hours: Capacitance change ± 25% ± 25% of the initial measured value (4V and Ø3: ± 30% Leakage current The initial specified value Dissipation factor 2 2times of the initial specified value																								
Shelf Life	+85 ,1000 , 16 After storage for 1000 hours at +85 and then resumed for 16 hours Capacitance change ± 25% ± 25% of the initial measured value 4V and Ø3: ± 30% Leakage current 2 2times of the initial specified value Dissipation factor 2 2times of the initial specified value																								

Frequency Coefficient

	60			10k
0.1 68	0.8			
100 470	0.8			

Case Size Table



Unit: mm

	4		6.3	8
d	0.45			

