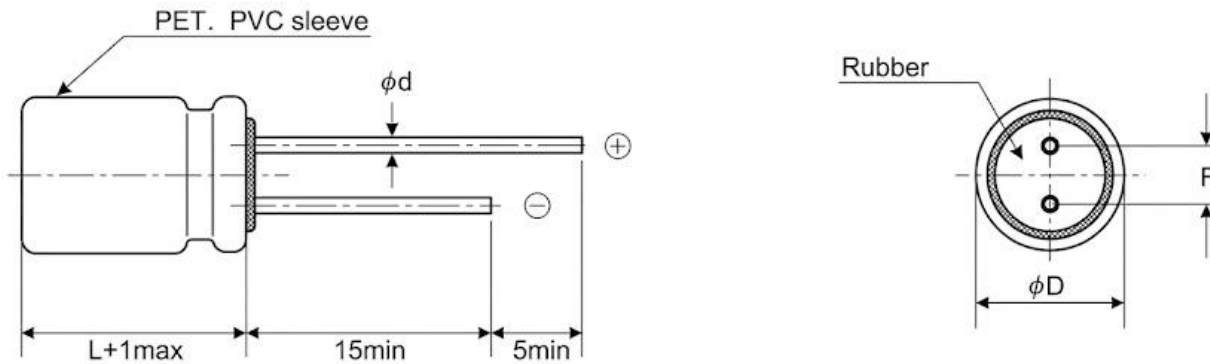


FEATURES

- Wide temperature range, life time: 1000 Hours at 105°C
- Small size, 7mm height, low leakage current, large capacity
- Used in HI-FI preamplifiers, TV oscillation loop circuits, automatic office machines, pocket calculators, car stereos and mini-audio sets, VCR, cameras, CD-ROM, notebooks etc.
- Variety of packing: Bulk, Ammo

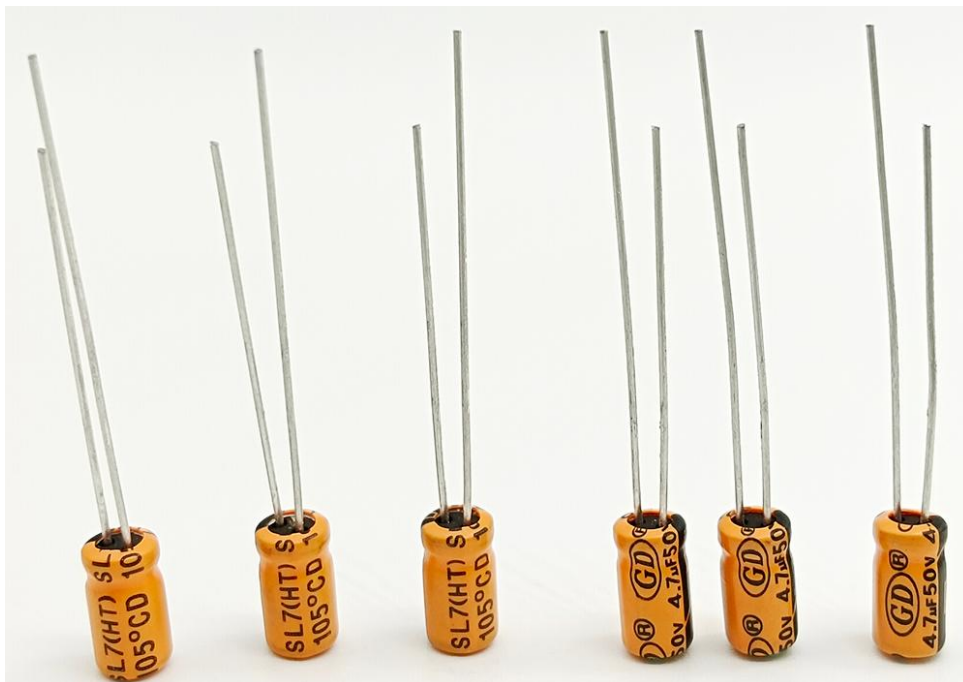
DRAWING and DIMENSIONS (mm)

Unit(mm)



DØ (+0.5max)	4	5	6.3	8
F (±0.5)	1.5	2.0	2.5	3.5
d (±0.05)	0.45	0.5	0.5	0.5

PICTURE



SPECIFICATIONS

No	Item	Performance																								
1	Operating Temperature Range	-40 to +105°C																								
2	Rated Working Voltage Range	4V-50V.DC																								
3	Capacitance Tolerance	0.1-470μF																								
4	Capacitance Tolerance	±20%(at+20°C,120Hz)																								
5	Leakage Current	After 2 minutes application of rated voltage I≤0.002CV or 0.4 μA minimum at 20°C																								
6	Dissipation Factor(tanδ) (120Hz\+20°C)	<table border="1"> <tr> <td>Working Voltage (V)</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>tanδ max.</td> <td>0.35</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </table>	Working Voltage (V)	4	6.3	10	16	25	35	50	tanδ max.	0.35	0.24	0.20	0.16	0.14	0.12	0.10								
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7	Characteristics at low temperature (Impedance ratio at 120Hz)	<table border="1"> <tr> <td>Working Voltage (V)</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>Z-25°C/+20°C</td> <td>7</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C/+20°C</td> <td>15</td> <td>12</td> <td>10</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> </tr> </table>	Working Voltage (V)	4	6.3	10	16	25	35	50	Z-25°C/+20°C	7	6	4	4	3	2	2	Z-40°C/+20°C	15	12	10	8	6	4	3
		Working Voltage (V)	4	6.3	10	16	25	35	50																	
		Z-25°C/+20°C	7	6	4	4	3	2	2																	
Z-40°C/+20°C	15	12	10	8	6	4	3																			
8	High Temperature Loading	After 1000hrs. application of DC rated working voltage at +105°C, The capacitor shall meet the following limits: Post test requirements at + 20°C																								
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9	Shelf Life	After 1000hrs. Application of DC no rated working voltage at +105°C,The capacitor shall meet the following limits: Post test requirements at + 20°C																								
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Temperature Coefficient

Coefficient	temperature(°C)	85	70	≤50
	coefficient	1.0	1.6	2.0

Multiplier for ripple current, Frequency Coefficient

μF	Frequency	60 (50) Hz	120 H z	400 H z	1K H z	≥10K H z
	0.1~47	0.80	1.00	1.30	1.45	1.65
	68~470	0.80	1.00	1.15	1.25	1.35



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DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

W.V. (SV) μF	4 (5)		6.3 (8)		10 (13)		16 (20)		25 (32)		35 (44)		50 (63)	
0.1													4×7	1.5
0.22													4×7	2.5
0.33													4×7	3.5
0.47													4×7	5
0.68													4×7	7
1													4×7	10
2.2													4×7	19
3.3													4×7	24
4.7									4×7	17	4×7	22	5×7	29
6.8							4×7	20	4×7	21	5×7	28	6.3×7	33
10							4×7	30	5×7	33	5×7	35	6.3×7	38
22	4×7	23	4×7	31	5×7	35	5×7	37	6.3×7	48	6.3×7	58	8×7	60
33	4×7	26	4×7	32	5×7	45	5×7	50	6.3×7	60	8×7	68		
47	4×7	35	5×7	35	5×7	51	6.3×7	67	8×7	72				
68	5×7	55	5×7	55	6.3×7	68	6.3×7	72	8×7	75				
100	5×7	58	5×7	65	6.3×7	90	8×7	105						
220	6.3×7	65	6.3×7	70										
330	6.3×7	90	8×7	120										
470	8×7	120												

Case Size: ØD×L (mm); Ripple Current (mAr.m.s) at 105°C 120KHz

Note: Other capacitance is available on request. WEET is capable of doing custom service for you.



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PN STRUCTURE:

68uF 25V ±20% 8x7mm P:3.5mm Bulk RoHS

PN: WGDSL71E680M00800070035000BR

WGD-SL7	1E	680	M	00800070	035	000	B	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Pitch	Lead Length	Packing	Pb
	1.	2.	3.	4.	5.	6.	7.	8.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A	2B
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	80V	100V	120V
Code	2C	2K	2D	2E	2F	2U	2V	2G	2X	2W	2H	2Y
Voltage	160V	180V	200V	250V	315V	330V	350V	400V	420V	450V	500V	550V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	220	330	470	101
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	22	33	47	100

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	00500110	00630120	01300200	03500450
Dimension (mm)	5x11	6.3x112	13x20	35x45

5. Pitch

Code	020	075	100	127
Pitch (mm)	2.0	7.5	10	12.7

6. Lead Length

Code	000	040	045	050
Lead Length	Standard	4.0	4.5	5.0

7. Packing

Code	B	A
Packing	Bulk	Ammo

8. Pb

Code	L	R
Pb	Leaded	RoHS

