

Screw Terminal type

## DLCAP™ DXF series

Low  
Resistance

-40°C

2.8V

RoHS2  
Compliant

- High withstand voltage 2.8 V achieved.
- It can be used at 3.0 V (-40°C~+50°C) by temperature derating.
- Suitable for electricity storage, battery assistance, short-term backups, etc.



### ◆ SPECIFICATIONS

Items	Specifications		
Operating Temperature	-40℃ to +60℃ (2.8V)/+50℃ (3.0V)		
Capacitance Tolerance	-0%, +20% (E)		(20℃)
Temperature Characteristics	Capacitance Change	≤ ±30% of the measured value at 20℃	(-40℃)
	Internal Resistance Change	≤ 1000% of the internal resistance maximum value given in the ratings tables	
Load Life Test	After the capacitors are subjected to the rated DC voltage at 60℃ for 2000 hours, the following specifications shall be satisfied when they are restored to 20℃ .		
	Capacitance Change	≤ ±30% of the capacitance rated value given in the ratings tables	
	Internal Resistance Change	≤ 300% of the internal resistance maximum value given in the ratings tables	
Bias Humidity Test	After the capacitors are left at 60℃ and 90 to 95%RH for 500 hours, without voltage applied,the following specifications shall be satisfied when they are restored to 20℃ .		
	Capacitance Change	≤ ±30% of the capacitance rated value given in the ratings tables	
	Internal Resistance Change	≤ 300% of the internal resistance maximum value given in the ratings tables	

### ◆ STANDARD RATINGS

#### ● DXF series \*3

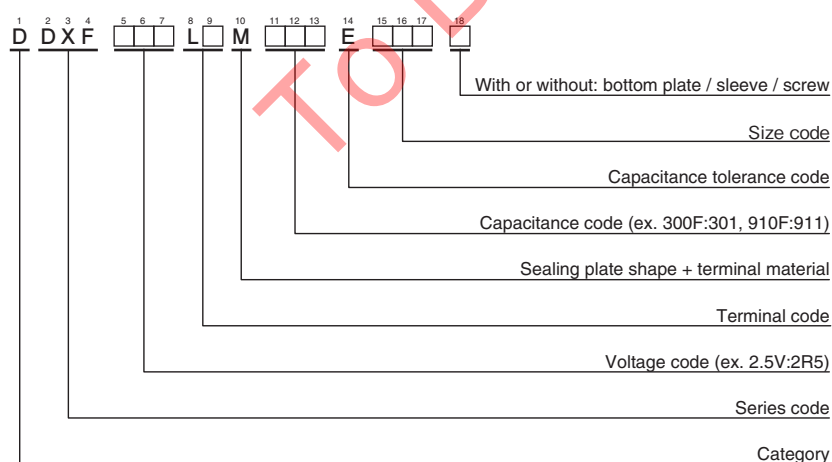
Rated Voltage [V]	Capacitance		Nominal Case Size		Internal Resistance		Weight*1 [g]	Energy Storage*2 [Wh]	Part No.
	Min. (rated) [F]	Typ. [F]	φ D [mm]	L [mm]	Typ. [mΩ]	Max. [mΩ]			
2.8	3150	3500	63.5	172	0.3	0.4	810	3.5	DDXF2R8LHM3B2EDH2V

\* 1 Reference data

\* 2 The energy storage capacity (Wh) described in this product is calculated based on 「電気及び電子機器用電気二重層キャパシタの輸送に関する手引書」 (Japanese only) by JEITA.

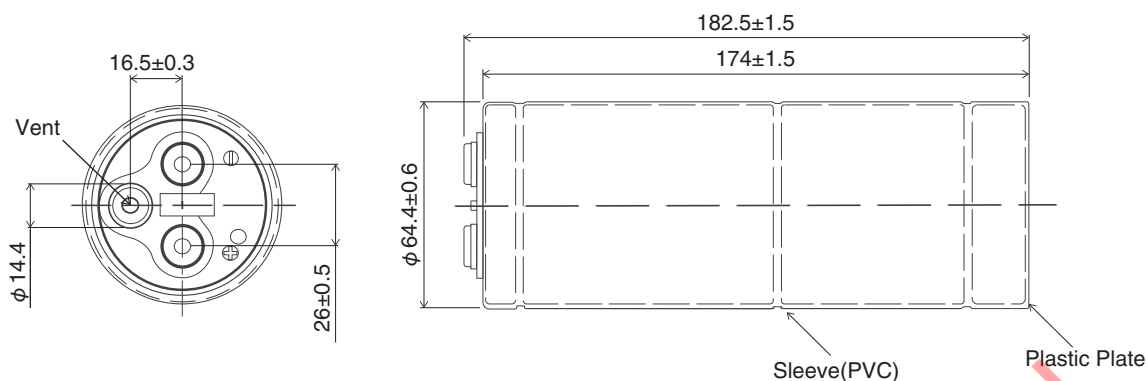
\* 3 In the DXF series, the capacity specification are set to the minimum values.

### ◆ PART NUMBERING SYSTEM

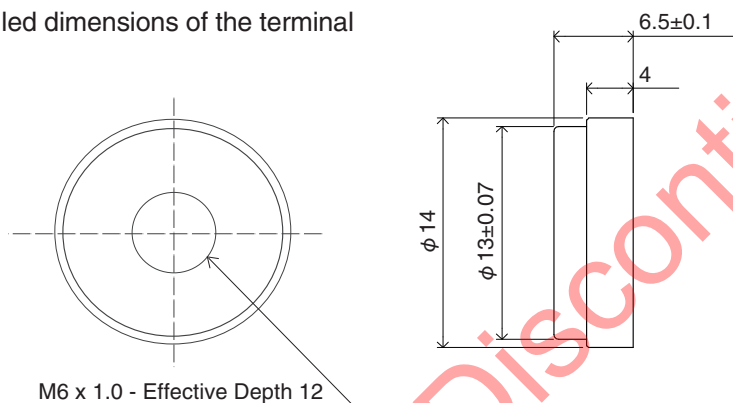


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### ◆ DIMENSIONS [mm]



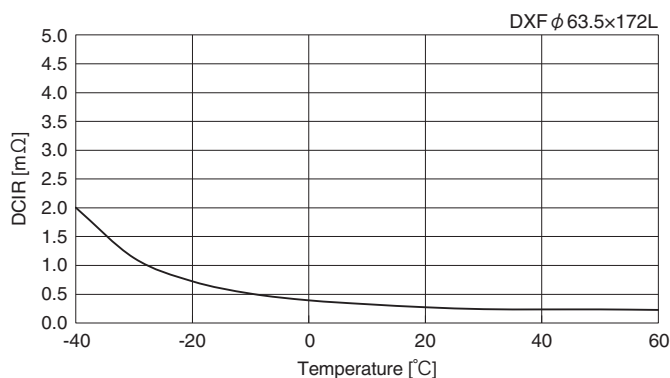
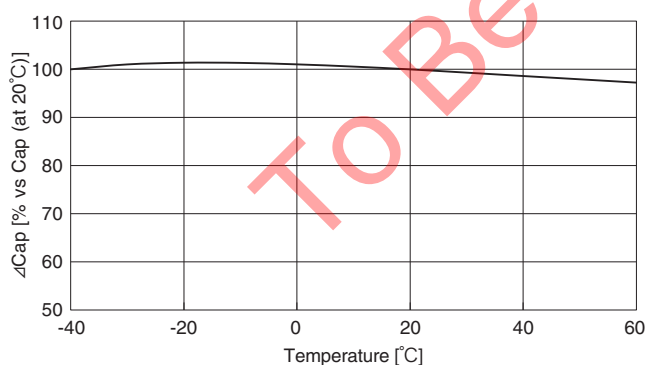
#### Detailed dimensions of the terminal



Plus hexagon-headed screw : M6×1.0×12

Maximum screw tightening torque : 5.5 Nm

### ◆ Temperature Characteristics of Capacitance & DCIR



### ◆ 60°C Load Life Test

