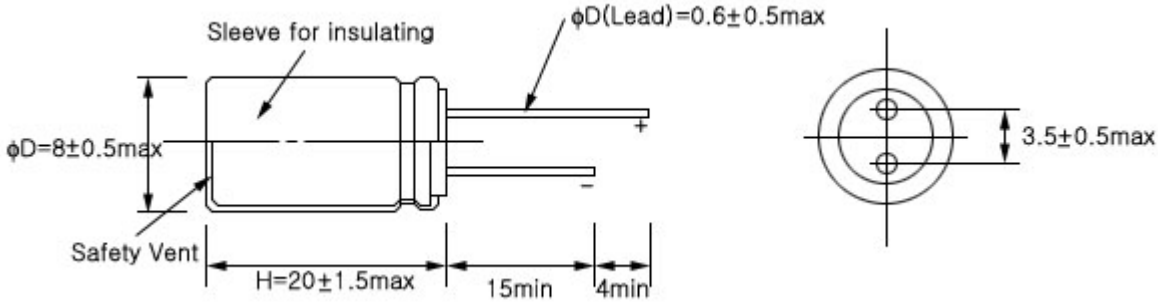
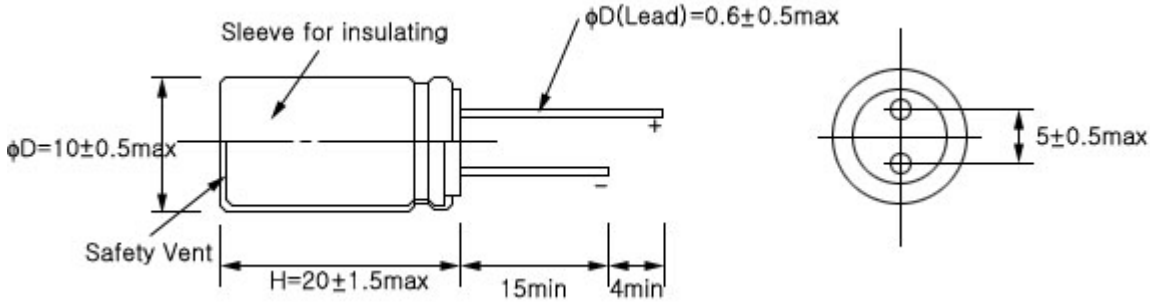
Maxfarad 0820 specifications (High Energy Type)



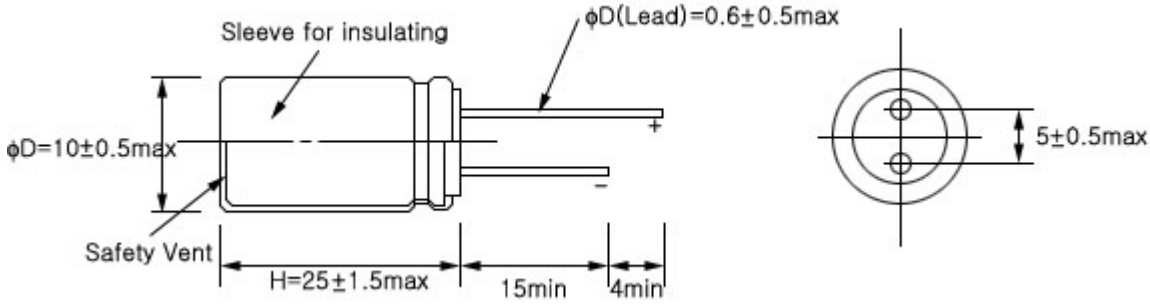
Rated Capacitance		**5 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**150 mΩ**
	DC(0.3A)	**200 mΩ**
Specific Energy Density	**Gravimetric**	**2.16 Wh/kg**
	Volumetric	**3.66 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 8 x L 20mm**
Weight		**1.7 g**
Volume		**1.00 ml**

Maxfarad 1020 specifications (High Energy Type)



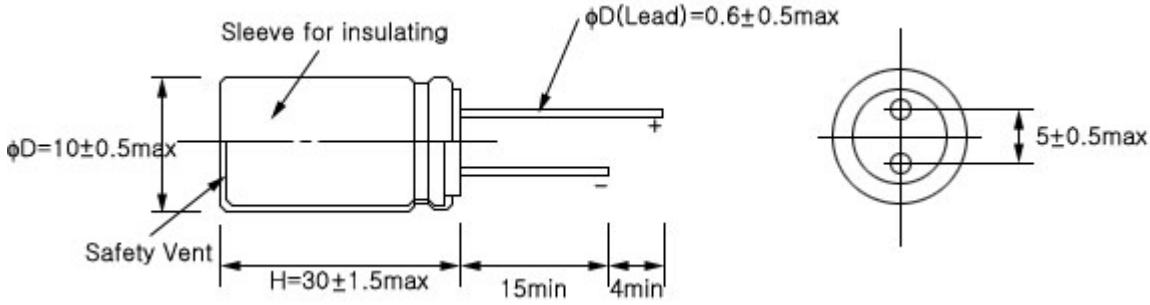
Rated Capacitance		**10 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**100 mΩ**
	DC(0.6A)	**150 mΩ**
Specific Energy Density	**Gravimetric**	**2.94 Wh/kg**
	Volumetric	**4.68 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 10 x L 20mm**
Weight		**2.50 g**
Volume		**1.57 ml**

Maxfarad 1025 specifications (High Energy Type)



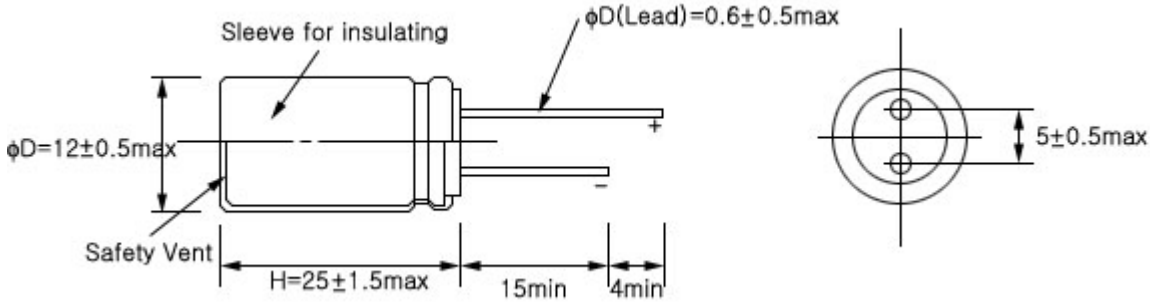
Rated Capacitance		**15 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**80 mΩ**
	DC(0.5A)	**120 mΩ**
Specific Energy Density	**Gravimetric**	**3.44 Wh/kg**
	Volumetric	**5.62 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 10 x L 25mm**
Weight		**3.2 g**
Volume		**1.96 ml**

Maxfarad 1030 specifications (High Energy Type)



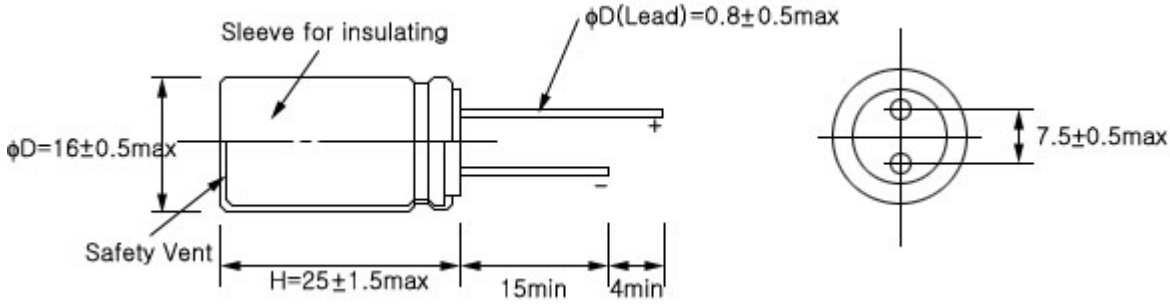
Rated Capacitance		**20 F (3A Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**60 mΩ**
	DC(15A)	**100 mΩ**
Specific Energy Density	**Gravimetric**	**3.67 Wh/kg**
	Volumetric	**6.24 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 10 x L 30mm**
Weight		**4.0 g**
Volume		**2.36 ml**

Maxfarad 1225 specifications (High Energy Type)



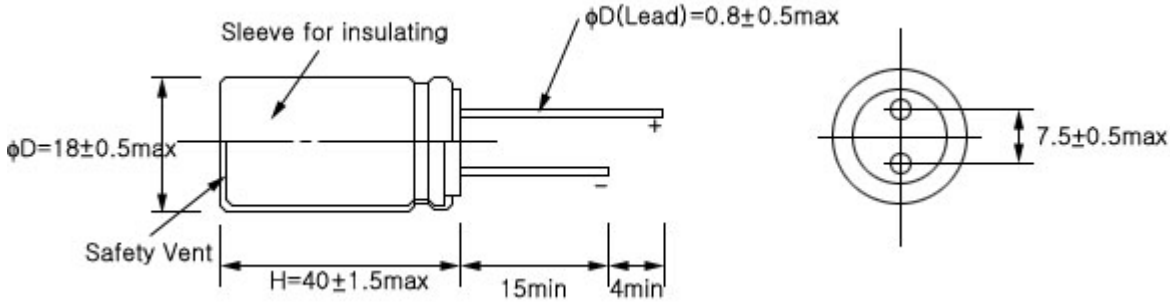
Rated Capacitance		**30 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**60 mΩ**
	DC(1.0A)	**100 mΩ**
Specific Energy Density	**Gravimetric**	**4.41 Wh/kg**
	Volumetric	**7.80 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 13 x L 25mm**
Weight		**5.0 g**
Volume		**2.83 ml**

Maxfarad 1625 specifications (High Energy Type)



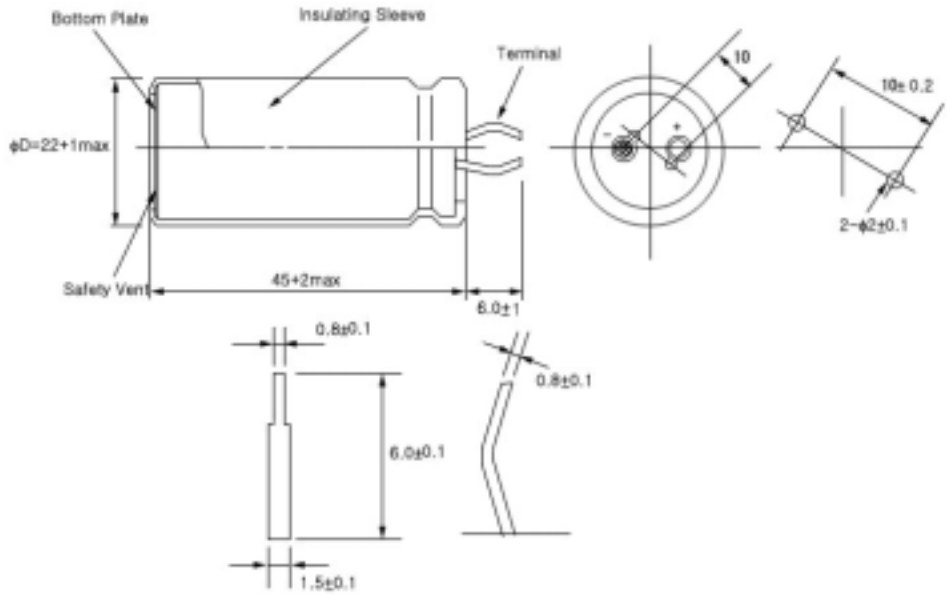
Rated Capacitance		**50 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**40 mΩ**
	DC(2.5A)	**70 mΩ**
Specific Energy Density	**Gravimetric**	**4.59 Wh/kg**
	Volumetric	**7.31 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 16 x L 25mm**
Weight		**8.0 g**
Volume		**5.02 ml**

Maxfarad 1840 specifications (High Energy Type)



Rated Capacitance		**120 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**20 mΩ**
	DC(6.0A)	**30 mΩ**
Specific Energy Density	**Gravimetric**	**5.19 Wh/kg**
	Volumetric	**8.67 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 18 x L 40mm**
Weight		**17.0 g**
Volume		**10.17 ml**

Maxfarad 2245 specifications (High Energy Type)



Rated Capacitance		**240 F (Constant current discharge)**
Capacitance Tolerance		**-10% / +10%**
Rated Voltage		**2.3 V**
Surge Voltage		**2.5 V**
Internal Resistance (ESR)	**AC (1kHz)**	**10 mΩ**
	DC(15A)	**20 mΩ**
Specific Energy Density	**Gravimetric**	**7.05 Wh/kg**
	Volumetric	**10.31 Wh/L**
Operating Temperature		**-25 ~ 60 ºC (Δ C < 30% of initial value at 25ºC)**
Storage Temperature		**-40 ~ 85 ºC (Δ C < 30% of initial value at 25ºC)**
Cycle life		**100,000 (Δ C < 30% of initial value)**
Life Time		**10 years (Δ C < 30% of initial value)**
Dimension		**Φ 22 x L 45mm**
Weight		**25.0g**
Volume		**17.10 ml**