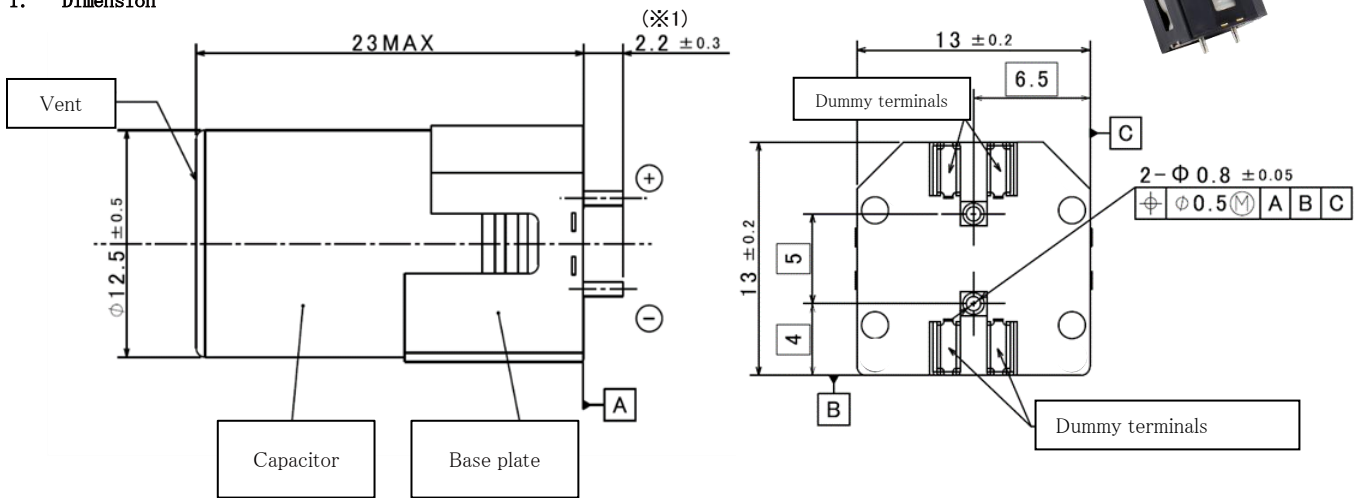


Spec sheet of Aluminum electrolytic capacitors for through-hole reflow

Part No. : ECST250E222M20X1MA

1. Dimension



(※1) Dimensions when the capacitor and case are in close contact.

2. Rating and characteristics

No.	Item	Specification	
1	Operation temperature range	-40 to +105°C	
	Storage temperature range	-40 to +105°C	
2	Operation humidity range	0 to +75%	
	Storage humidity range	0 to +75%	
3	Rated voltage range	25 V _{DC}	
4	Surge voltage	28.8 V _{DC}	
5	Rated capacitance	2200 μF	+20°C, 120Hz
6	Capacitance tolerance	-20 to +20%	+20°C, 120Hz
7	Dissipation factor	0.16 max.	+20°C, 120Hz
8	Leakage current	1650 μAmax.	+20°C, 1minute
9	Rated ripple current	2000 mA rms	+105°C, 100kHz
10	Endurance	3,000hrs	+105°C, 25V _{DC}

Frequency multipliers of rated ripple current

Frequency (Hz)	120	1k	10k	100k
multipliers	0.60	0.87	0.95	1.0

《 Recommended soldering conditions 》

Peak temp. : 240°C
Time maintained above 230°C : 20sec
Preheat : 150~180°C, 120sec
Reflow number : 2times or less

《 Vibration 》

10 to 200 to 10Hz in about 1 minutes, 98m/s²(10G), 2hours in each for X and Y and Z axis