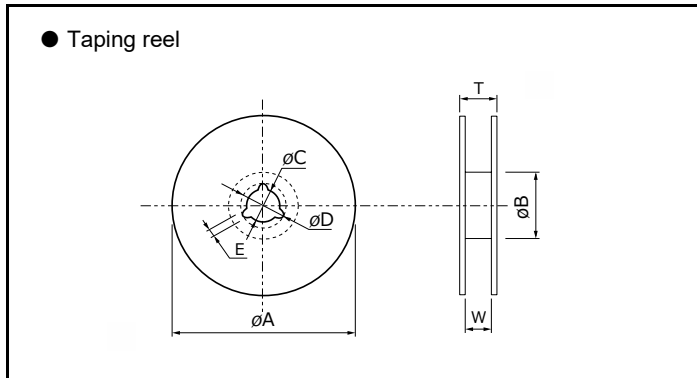
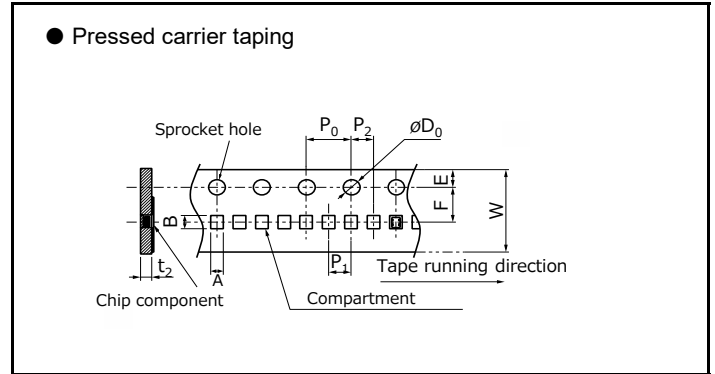
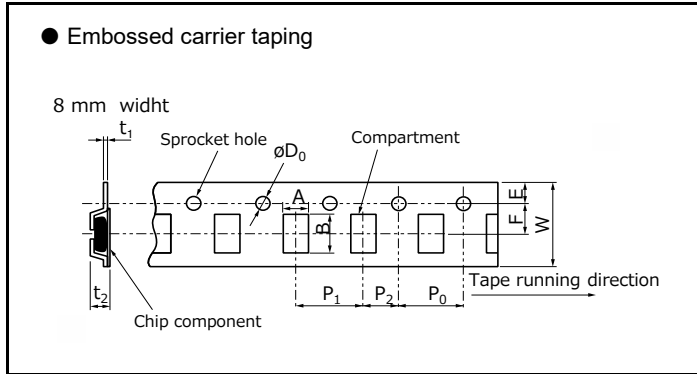


### Packaging methods (Taping)

● Standard quantity

Part number	Size (inch)	Kind of taping	Pitch (P <sub>1</sub> ) (mm)	Quantity (pcs / reel)
EXC14CP□□□U	0302	Embossed carrier taping	2	10,000
EXC24CP/CB□□□U	0504		4	5,000
EXC24CN□□□X	0504	Pressed carrier taping	2	10,000



● Embossed carrier dimensions

Unit : mm

Part number	A	B	W	F	E	P <sub>1</sub>	P <sub>2</sub>	P <sub>0</sub>	øD <sub>0</sub>	t <sub>1</sub>	t <sub>2</sub>
EXC14CP	0.75±0.10	0.95±0.10	8.0±0.2	3.50±0.05	1.75±0.10	2.0±0.1	2.0±0.1	4.0±0.1	1.5 <sup>+0.1</sup> <sub>0</sub>	0.25±0.05	0.85±0.15
EXC24CP	1.20±0.15	1.45±0.15	8.0±0.2	3.50±0.10	1.75±0.10	4.0±0.1	2.0±0.1	4.0±0.1	1.5 <sup>+0.1</sup> <sub>0</sub>	0.25±0.05	0.90±0.15
EXC24CB											

● Pressed carrier dimensions

Unit : mm

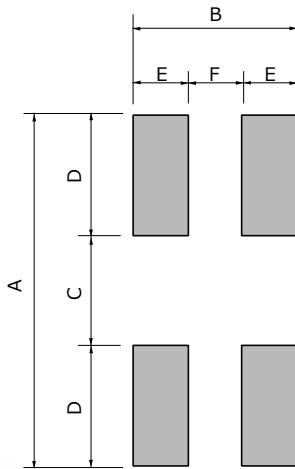
Part number	A	B	W	F	E	P <sub>1</sub>	P <sub>2</sub>	P <sub>0</sub>	øD <sub>0</sub>	t <sub>2</sub>
EXC24CN	1.14±0.10	1.38±0.15	8.0±0.2	3.5±0.1	1.75±0.10	2.0±0.1	2.0±0.1	4.0±0.1	1.5 <sup>+0.1</sup> <sub>0</sub>	0.68±0.10

● Standard reel dimensions

Unit : mm

Part number	øA	øB	øC	øD	E	W	T
EXC14C	180.0±3.0	60.0±1.0	13.0±0.5	21.0±0.8	2.0±0.5	9.0±0.3	11.4±1.5
EXC24C							

### Recommended land pattern design



Unit : mm

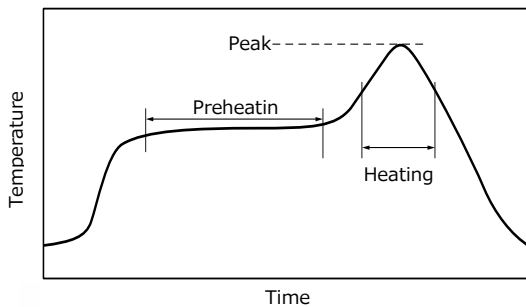
Part number	Dimensions					
	A	B	C	D	E	F
EXC14CP	0.80 to 1.00	0.80	0.30	0.25 to 0.35	0.30	0.20
EXC24CP	1.50 to 1.90	1.10	0.50	0.50 to 0.70	0.40	0.30
EXC24CB						
EXC24CN						

### Recommended soldering conditions

Recommendations and precautions are described below

#### ● Recommended soldering conditions for reflow

- Reflow soldering shall be performed a maximum of two times.
- Please contact us for additional information when used in conditions other than those specified.
- Please measure the temperature of the terminals and study every kind of solder and printed circuit board for solderability before actual use.



#### ● Flow soldering

- We do not recommend flow soldering, because flow soldering may cause bridges between the electrodes.

For soldering (Example : Sn-37Pb)

	Temperature	Time
Preheating	140 °C to 160 °C	60 s to 120 s
Main heating	Above 200 °C	30 s to 40 s
Peak	235 ± 10 °C	max. 10 s

For lead-free soldering (Example :Sn-3Ag-0.5Cu)

	Temperature	Time
Preheating	150 °C to 170 °C	60 s to 120 s
Main heating	Above 230 °C	30 s to 40 s
Peak	max. 260 °C	max. 10 s

《Repair with hand soldering》

- Preheat with a blast of hot air or similar method. Use a soldering iron with a tip temperature of 350 °C or less. Solder each electrode for 3 seconds or less.
- Never touch this product with the tip of a soldering iron.