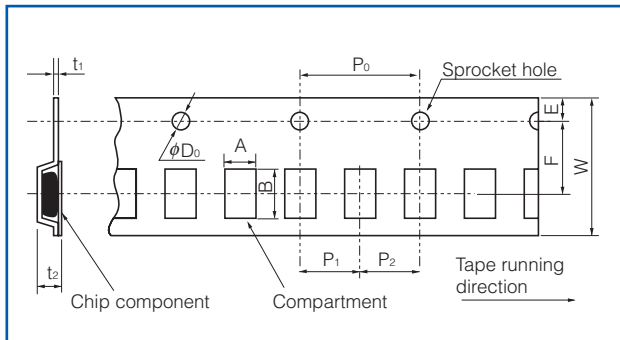


Packaging Methods (Taping)

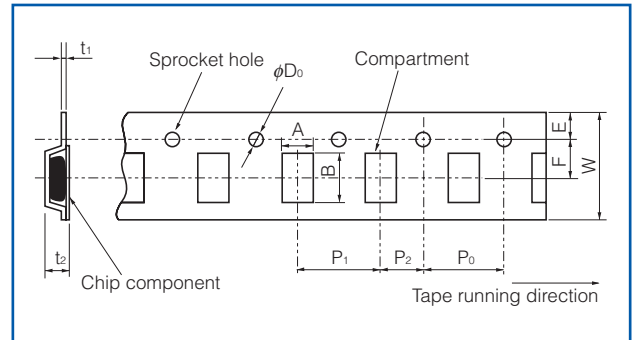
- Standard Quantity

Part Number	Size (inch)	Type	Kind of Taping	Pitch (P ₁)	Quantity
EXC14CS	0302	Single	Embossed Carrier Taping	2 mm	10,000 pcs./reel
EXC24CS	0504			4 mm	5,000 pcs./reel
EXC18CS	0603	Array			

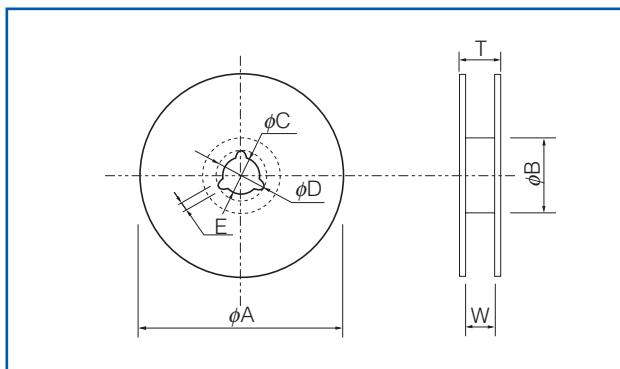
- Embossed Carrier Taping
EXC14CS



- Embossed Carrier Taping
EXC18CS, EXC24CS



- Taping Reel



- Embossed Carrier Taping

(mm)

Part Number	A	B	W	F	E	P ₁	P ₂	P ₀	ϕD_0	t ₁	t ₂
EXC14CS	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 ^{+0.1} ₀	0.25±0.05	0.85±0.15
EXC18CS	1.00±0.10	1.80±0.10	8.0±0.2	3.5±0.1	1.75±0.10	4.0±0.1	2.0±0.1	4.0±0.1	1.5 ^{+0.1} ₀	0.25±0.05	0.50±0.05
EXC24CS	1.20±0.15	1.45±0.15									0.90±0.15

- Taping Reel

Standard Reel Dimensions

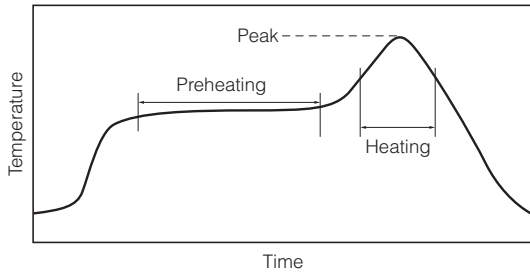
(mm)

Part Number	ϕA	ϕB	ϕC	ϕD	E	W	T
EXC14CS EXC18CS EXC24CS	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

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.