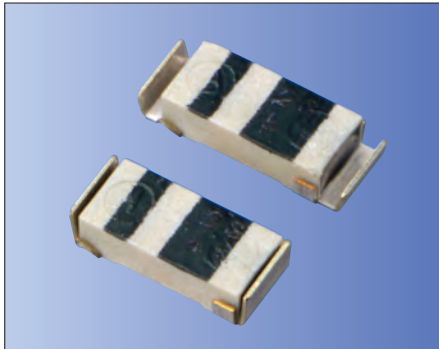




RoHS Compliant

Features

- Charge sensitivity type shock sensor
- 25 degree inclined angle
- Small size, low profile, high sensitivity
- Tape and reel packaging available
- Reflow solderable
- Low halogen

Applications

- Data Protection for Disc Media such as HDD, DVD, CD-R/ RW etc.
- Other shock sensors.

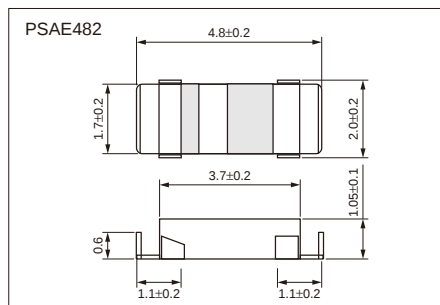
How to Order

PS A E 48 2 S - R
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series
- ② Terminal Structure
- ③ Application E: Consumer
- ④ Size
- ⑤ Inclined Angle (2: 25°)
- ⑥ Electrical Characteristics
- ⑦ Packaging (R: Tape and Reel)

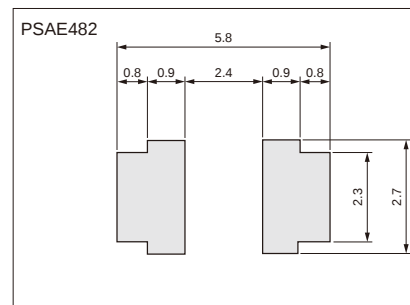
Dimensions

(Unit: mm)

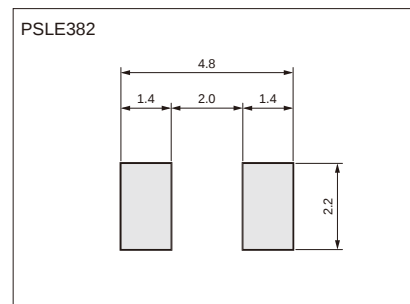
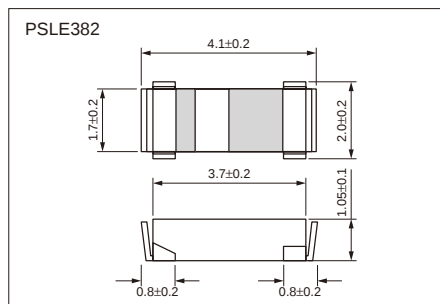
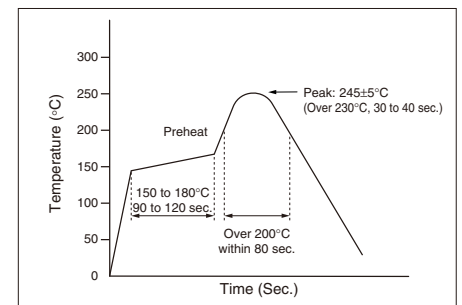


Recommended Land Pattern

(Unit: mm)

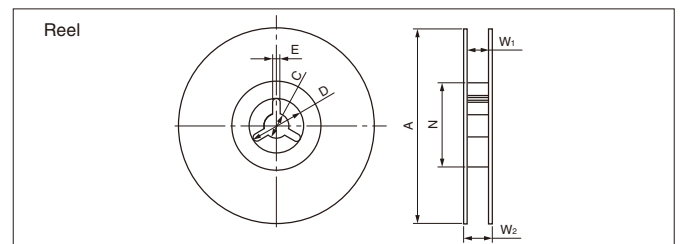
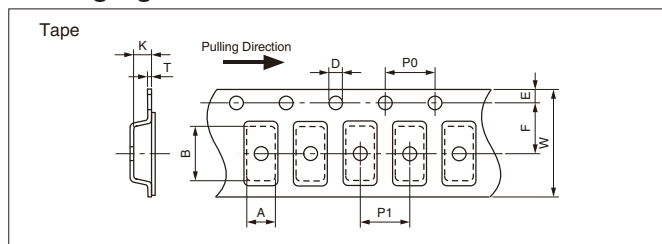


Recommended Reflow Profile



Packaging

(Unit: mm)



Part No.	Symbol	A	B	W	E	F
PSAE482	Dimension	2.5±0.1	5.1±0.1	12.0	1.75±0.1	5.5±0.05
PSLE382		2.25±0.1	4.4±0.1	+0.3/-0.1		
Part No.	Symbol	P0	P1	D	K	T
PSAE482	Dimension	4.0±0.1	4.0±0.1	1.5	1.25±0.1	0.3±0.05
PSLE382				+0.1/-0		

- PSAE482 3500 pcs./ Reel
- PSLE382 3000 pcs./ Reel

Symbol	A	N	W1	W2
Dimension	180±5.0	60 min.	12.5 +2.0/-0.0	20.5 max.
Symbol	C	D	E	
Dimension	13.0±0.2	21.0±0.8	2.0±0.5	

Specifications

Item	Inclined Angle	Capacitance	Charge Sensitivity	Resonant Frequency	Isolated Resistance	Non-linearity
Part No.	(degree)	(pF)	(pC/G)	(kHz)	(GΩ)	(%)
PSAE482S-R	25±3	315±30%	0.23±30%	23±30%	0.5 min.	5 max.
PSLE382S-R	25±3	315±30%	0.23±30%	23±30%	0.5 min.	5 max.
PSLE382E-R44	25±3	340±30%	0.09±30%	44±20%	0.5 min.	5 max.