

Package: HSOP25Z

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1. Structure and materials

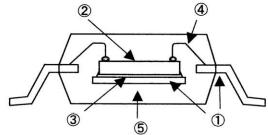


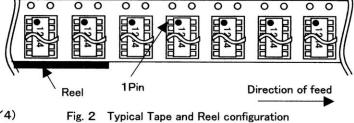
Fig. 1 Structure

No.	Item	Materials
1	Lead Frame	Cu-Alloy (External lead : Pb free solder plating)
2	Die	Silicon
3	Die Attach	Solder
4	Wire	Au
⑤	Molding	Epoxy Resin

2. Tape and Reel information

2. 1. Packing specification

Таре	Embossed carrier tape
Quantity	See the table on page 4/4
Direction of feed	E2 (See Fig. 2)



2. 2. Tape and Reel specification

2. 2. 1. Tape and reel dimensions (See the table on page 4/4)

ØDO PO P2 T T T W B1

Fig. 3 Tape dimensions

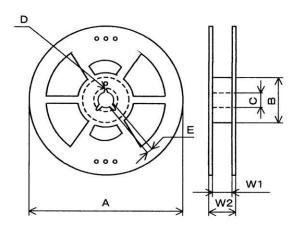


Fig. 4 Reel dimensions

2. 3. Leader and Trailer

2. 3. 1. Leader

No component pockets are 40 pockets or more.

2. 3. 2. Trailer

No component pockets are 10 pockets or more. Tape is free from reel.

2. 4. Label for Reel and Box Out going inspection stamp Product No. BA1234FP-E2 () Quantity 2, 000pcs 0124 A5110F EXAMADA EXAMADA AND 124 023 Pos. () MNo. 124 024 pcs. Marking lot number

Fig. 5 Label example

2. 5. Packing style

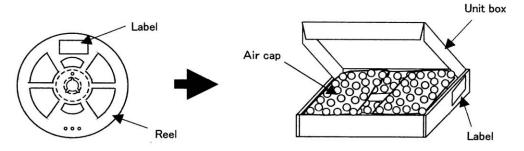
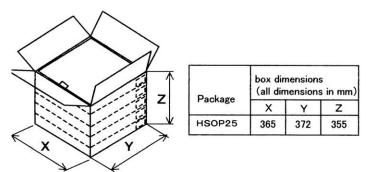


Fig. 6 Packing style

2. 6. Shipping style

5 unit boxes or less per shipping box



2. 7. Packing materials

Item	Material	
Embossed carrier tape	PS	
Cover tape	PET + PE	
Reel	PS	
Air cap	Polyethylene	
Unit box	Cardboard	
Shipping box	Cardboard	

^{*} Please obey the indication of top side in a shipping box

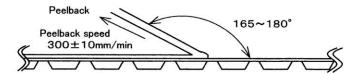
Fig. 7 Shipping box dimensions and Shipping style

2. 8. Others

2. 8. 1. Peelback strength

Cover tape peelback strength is 0.2~0.7N.

Fig. 8 Test method



2. 8. 2. Missing Ics

- (1) No consecutive dropouts.
- (2) A maximum 0.1% of specified number of products in each packing may be missing.

3. Storage conditions

3. 1. Storage environment

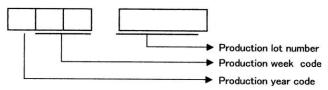
Recommended storage conditions are as follows:

-Temperature : 5~30°C -Humidity : 40~70% RH

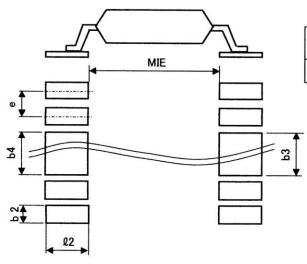
3. 2. Storage period

-Specified storage period : 1 year

4. Marking lot number



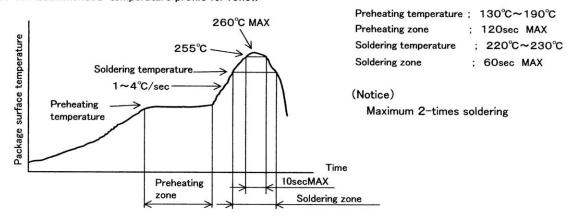
5. Footprint dimensions (Optimize footprint dimensions to the board design and soldering condition)



				(all	dimensio	ns in mm
Package	Land pitch	Land space	Land length		h	
/// Control	е	MIE	≧02	b2	b3	b4
HSOP25Z	0. 80	6. 00	1. 20	0. 50	2. 90	2. 10

6. Soldering conditions

6. 1. Recommended temperature profile for reflow



6. 2 Recommended condition for wave soldering

Process	Condi	tions
Frocess	Temperature	Time
Preheating	120°C∼150°C	60sec MAX
Soldering	260°C±3°C	12secMAX

(Notice) Soldering time is provided for total soldering time in case of dual wave soldering.

6. 2. 1 Notes for wave soldering

- (1) Do not use other soldering methods with wave soldering.
- (2) Recommend to clean the board to eliminate flux, solder waste, and other impurities for reliability, after soldering.
- (3) Optimize soldering condition to prevent solder bridging.

6. 3 Recommended condition for solder iron

Recommended condition for solder iron

-Solder iron temperature : 380°C or less

-Mounting time

: 4sec or less

⟨ Tape dimensions⟩

	Quantity	Tape dimensions ((all dimensions in mm)				
Package	(pcs)	A1	B1	DO	D1	E	F	K'	P1	P2	Т	W	PO
HSOP25Z	2000	8.4	14.5	φ 1.5	φ2.0	2.0	11.5	2.3	12.0	2.0	0.3	24.0	4.0
Tolera	nce	±0.1	±0.1	+0.1 -0	MIN	±0.1	±0.1	±0.1	±0.1	±0.1	_	±0.3	±0.1

〈 Reel dimensions 〉

Package	Reel dimensions (all dimensions in mm)									
Fackage	Α	В	С	D	E	W1	W2			
HSOP25Z	φ330	φ80	φ 13.0	φ 20.2	1.5	24.5	32.4			
Tolerance	_	_	±0.2	MIN	MIN	+2.0 -0	MAX			

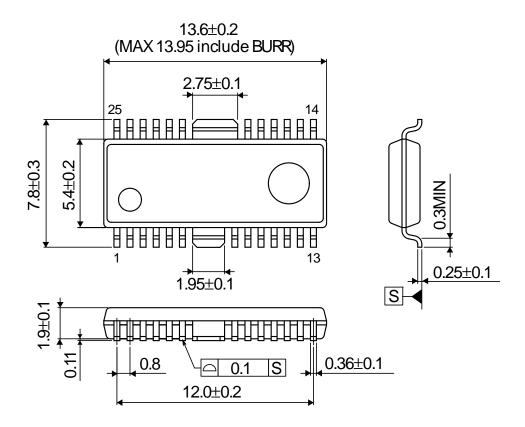
〈 Dehydrated weight 〉

Dehydrated weight dimensions in g
0.40



Package Dimensions

HSOP25Z



(Unit: mm)

Notes

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