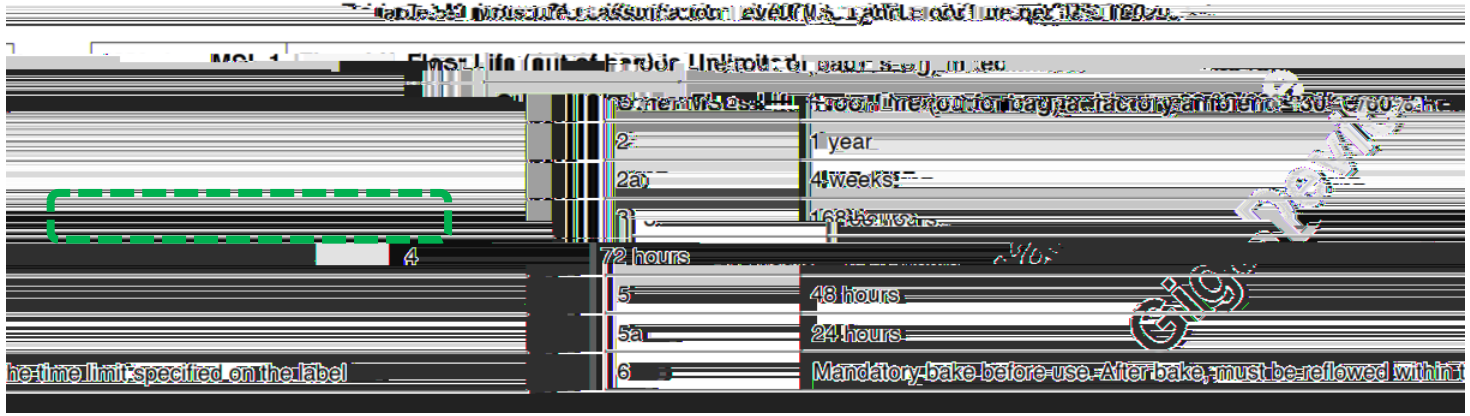




5.3.2 Shelf Life The minimum calculated shelf life is 12 months from bag seal date or indicated on barcode. If the actual shelf life has exceeded 12 months from the bag seal date and the


2
1 year
2a
4 weeks
4
72 hours
5
48 hours
5a
24 hours
6
Mandatory bake before use. After bake, must be reflowed within t
he time limit specified on the label

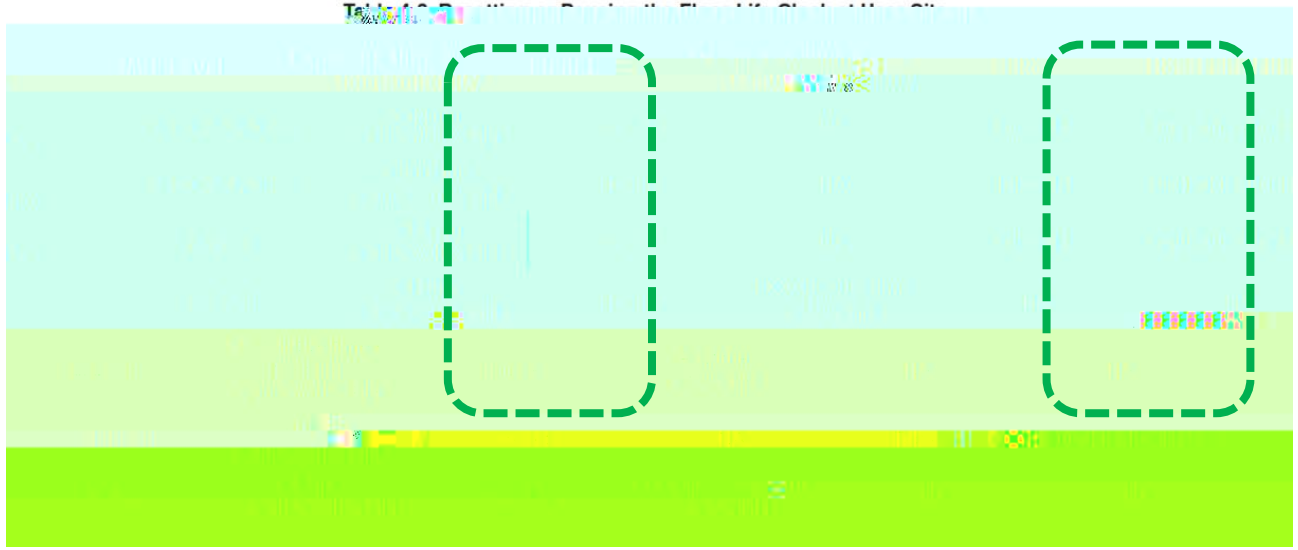


Table 4-1 Reference Conditions for Drying Mounted or Unmounted SMD Packages
(User Bake: Floor life begins counting at time = 0 after bake)

Package Body	Level	Bake @ 125 °C + 10/-0 °C < 5% RH		Bake @ 90 °C + 8/-0 °C ≤ 5% RH		Bake @ 40 °C + 5/-0 °C ≤ 5% RH	
		Exceeding Floor Life by > 72 h	Exceeding Floor Life by < 72 h	Exceeding Floor Life by > 72 h	Exceeding Floor Life by < 72 h	Exceeding Floor Life by > 72 h	Exceeding Floor Life by < 72 h
Thickness < 0.5 mm	2	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)
	2a	1 hour	1 hour	2 hours	1 hour	12 hours	8 hours
	3	1 hour	1 hour	3 hours	1 hour	16 hours	8 hours
	4	1 hour	1 hour	3 hours	1 hour	22 hours	8 hours
	5	1 hour	1 hour	3 hours	1 hour	23 hours	8 hours
	5a	1 hour	1 hour	4 hours	1 hour	26 hours	8 hours
Thickness > 0.5 mm ≤ 0.8 mm	2	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)
	2s	4 hours	3 hours	15 hours	13 hours	4 days	3 days
	3	4 hours	3 hours	15 hours	13 hours	4 days	3 days
	4	4 hours	3 hours	15 hours	13 hours	4 days	3 days
	5	4 hours	3 hours	15 hours	13 hours	4 days	3 days
	5a	4 hours	3 hours	16 hours	13 hours	4 days	3 days
Thickness > 0.8 mm ≤ 1.4 mm (see Note 5)	2	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)	Not Required (see Note 4)
	2a	8 hours	6 hours	25 hours	20 hours	8 days	6 days
	3	8 hours	6 hours	25 hours	20 hours	8 days	6 days
	4	9 hours	6 hours	27 hours	20 hours	10 days	7 days
	5	10 hours	6 hours	28 hours	20 hours	11 days	8 days
	5a	11 hours	6 hours	30 hours	20 hours	12 days	9 days
Thickness > 1.4 mm ≤ 2.0 mm	2	18 hours	15 hours	63 hours	2 days	25 days	19 days
	2a	21 hours	17 hours	72 hours	2 days	28 days	21 days
	3	24 hours	17 hours	77 hours	2 days	30 days	22 days
	4	34 hours	20 hours	4 days	3 days	40 days	30 days
	5	40 hours	20 hours	5 days	3 days	47 days	35 days
	5a	48 hours	20 hours	6 days	3 days	56 days	42 days
Thickness > 2.0 mm ≤ 4.5 mm (see Note 5)	2	48 hours	10 days	7 days	79 days	67 days	50 days
	2a	48 hours	10 days	7 days	79 days	67 days	50 days
	3	48 hours	10 days	8 days	79 days	67 days	50 days
	4	48 hours	10 days	10 days	79 days	67 days	50 days
	5	48 hours	10 days	10 days	79 days	67 days	50 days
	5a	48 hours	10 days	10 days	79 days	67 days	50 days
Exception for BGA package > 17 mm x 17 mm or any stacked die package	2-5a	96 hours (See Note 2	As above per package thickness and moisture sensitivity level	Not applicable	As above per package thickness and moisture sensitivity level	Not applicable	As above per package thickness and moisture sensitivity level

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