

Whisker Testing Report

JESD201 Class	2
Family	Surface Mount
Package outline	DO-214AC (SMA)
P/N	S1G
Mfg loc	VGSC
Plating line	PL07 Meco
Plating type	Strip Plating
plating solution	RoHM & Haas ST-300T
PB %	<5ppm

Report Date	05/19/13
Finish	Matt tin
Underlayer	None
Underlayer Spec	N/A
Min thickness (Uinch)	315.00
Actual thickness (Uinch)	532.72
Min thickness (Um)	8.00
Actual thickness (Um)	13.53
Mitigation	anneal 150°C 1 Hour
DC	SC2A

SPEC: MAX allowable Tin whisker length 45um

Lot No.	Precondition	TC -55C/85C 10min		
		500C	1000C	1500C
1	Pbfree reflow	0	0	14.2
2	No reflow	16.7	24.8	35.1
3	Snpb reflow	16.7	22.5	29.2

SPEC: MAX allowable Tin whisker length 40um

Lot No.	Precondition	Temp./Humi. 30C/60%RH			
		1000H	2000H	3000H	4000H
1	Pbfree reflow	0	0	0	0
2	No reflow	0	0	0	0
3	Snpb reflow	0	0	0	0

SPEC: MAX allowable Tin whisker length 40um

Lot No.	Precondition	High Temp./Humi. 55C/85%RH			
		1000H	2000H	3000H	4000H
1	Pbfree reflow	0	0	0	0
2	No reflow	0	0	0	0
3	Snpb reflow	0	0	0	0