



37423 Fremont Blvd, Fremont CA 94536

510-744-9900 510-744-9909(fax)

Customer			Test Date	2014.11.16
Sample Set	Terminal	A2541T3P-2	Documentation Approval	
	Housing	A2541H02-1×1P	Performed :	刘如建
	Wafer	A2541WV2-1×1P	Checked :	
Sample Size	5 sample(s)		Approved :	朱芹

Equipment :

1. Auto-insertion & Withdrawal Test System (SE Testsystems AL-50K)

Test Condition :

1. Insert crimped terminal into connector housing manually
2. Mated connectors, fixed the connectors on a tester
3. mate and unmate connectors for 30 cycles at a rate of 25±3mm per minute, the locking device shall be removed.
4. Initial insertion&withdrawal force and at 10th, 30th withdrawal force shall be measured

Specification Requirement :

Initial Insertion force value :0.60 kgf. (maximum)

Initial withdrawal force value :0.20 kgf. (minimum)

10th withdrawal force value : 0.19kgf. (minimum)

30th withdrawal force value : 0.19kgf. (minimum)

Results

Unit : kgf.

Sample No.	Initial Insertion force	Initial withdrawal force	10th withdrawal force	30th withdrawal force			
1	0.42	0.38	0.29	0.30			
2	0.51	0.36	0.26	0.23			
3	0.53	0.33	0.27	0.21			
4	0.49	0.38	0.26	0.28			
5	0.45	0.37	0.28	0.26			
Maximum	0.53	0.38	0.29	0.30			
Minimum	0.42	0.33	0.26	0.21			
Average	0.48	0.36	0.27	0.26			
Result	OK	OK	OK	OK			