## 鴻盛電子股份有限公司

TEST ITEM		TERISTICS	SPECIFICATION		
High temperature		The sample shall be left for 96±4 hours in an atmospere with			
storage		· ·	a temperature of 105±2°C and a normal humidity.		
Storage	There shall be	Upon completion of the measurement shall be made after the			
	no mechanical	sample has been left in a normal temperature and normal			
	damage.	humidity for 1 hour.			
	damage.	Trainially for t	mannary for 1 floar.		
Low temperature		The sample shall be left for 96±4 hours in an atmosphere with			
storage			a temperature of -40±3°C.		
	There shall be	Upon completion of the test, the measurement shall be made			
	no mechanical	after the sample has been left in a normal temperature and			
	damage.		normal humidity for 1 hour.		
Change of	△L/Lo≦±5%	The sample shall be subject to 5 continuos cycles, such as shown			
temperature		in the table 2	in the table 2 below and then it shall be subjected to standard		
	There shall be	stmospheric conditions for 1 hour, after which measurement			
	no other dama-	shall be made.			
	go of problems				
	ge of problems				
	ge of problems		table 2		
	ge of problems		table 2	Duration	
	ge of problems	1	T	Duration 30 min.	
	ge of problems	1	Temperature		
	ge of problems	1 2	Temperature -40±3°C		
	ge of problems		Temperature  -40±3°C  (Themostat No.1)	30 min.	
	ge of problems		Temperature  -40±3°C  (Themostat No.1)  Standard	30 min. 5 sec. or less	
	ge of problems	2	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric	30 min.  5 sec. or less  No.1→No.2	
	ge of problems	2	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C	30 min.  5 sec. or less  No.1→No.2	
	ge of problems	3	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)	30 min.  5 sec. or less  No.1→No.2  30 min.	
	ge of problems	3	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)  Standard	30 min.  5 sec. or less  No.1→No.2  30 min.  5 sec. or less	
Moisuture storage		3	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)  Standard  atmospheric	30 min.  5 sec. or less No.1→No.2  30 min.  5 sec. or less No.2→No.1	
Moisuture storage		2 3 4 The sample s	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)  Standard  atmospheric	30 min.  5 sec. or less No.1→No.2 30 min.  5 sec. or less No.2→No.1	
Moisuture storage	△L/Lo≦±5%	2 3 4 The sample s 40±2°C and a	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)  Standard  atmospheric  atmospheric	30 min.  5 sec. or less No.1→No.2 30 min.  5 sec. or less No.2→No.1  in a temperature of	
Moisuture storage		2 3 4 4 The sample s 40±2°C and a Upon comple	Temperature  -40±3°C  (Themostat No.1)  Standard  atmospheric  105±2°C  (Themostat No.2)  Standard  atmospheric	30 min.  5 sec. or less No.1→No.2  30 min.  5 sec. or less No.2→No.1  in a temperature of c.  rement shall be made	

## Test conditions :

The sample shall be reflow soldered onto the printed circuit board in every test.