

試驗項目：板彎曲試驗

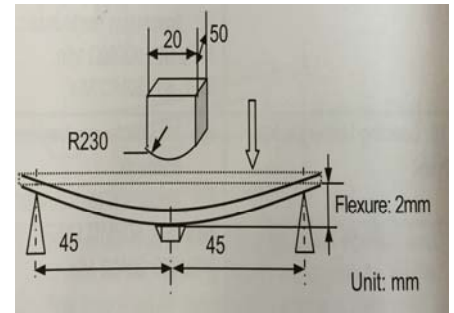
Test Method: AEC-Q200-005

試驗目的：驗證產品在正常組裝能否承受彎曲強度和所受到的作用力

設備工具：推拉力機

試驗方法、流程：

1. 按實驗條件進行測試試驗
2. 實驗完成後比較產品前後的外觀狀況及電感變化率



試驗結果：

實驗數量	破裂不良		電極剝落		短路不良		總不良		Result
	Qty	Rate	Qty	Rate	Qty	Rate	Qty	Rate	
30	0	0.00%	0	0.00%	0	0.00%	0	0.00%	PASS

試驗項目	驗證特性			
測試頻率	100KHZ			
測量項目	L			
規格	L:11+50%/-30%			
單位	uH			
測量儀器	E4991A			
序號	Initial Value	Final Value	Deviation	Result
1	12.84	12.78	-0.47%	PASS
2	12.47	12.54	0.56%	PASS
3	13.12	13.11	-0.08%	PASS
4	12.78	12.90	0.94%	PASS
5	13.20	12.98	-1.67%	PASS
6	12.54	12.85	2.47%	PASS
7	12.34	12.45	0.89%	PASS
8	12.78	13.12	2.66%	PASS
9	13.47	13.48	0.07%	PASS
10	12.86	13.10	1.87%	PASS
11	13.14	13.21	0.53%	PASS

AEC-Q200 Qualified Reliability Test Report



12	13.20	12.98	-1.67%	PASS
13	13.20	12.98	-1.67%	PASS
14	12.78	13.12	2.66%	PASS
15	13.47	13.48	0.07%	PASS
16	12.84	12.90	0.47%	PASS
17	13.20	12.98	-1.67%	PASS
18	12.46	12.65	1.52%	PASS
19	12.34	12.45	0.89%	PASS
20	12.65	12.80	1.19%	PASS
21	12.64	12.80	1.27%	PASS
22	11.96	12.11	1.25%	PASS
23	12.89	13.00	0.85%	PASS
24	13.10	12.89	-1.60%	PASS
25	13.00	13.00	0.00%	PASS
26	12.78	13.12	2.66%	PASS
27	13.49	13.52	0.22%	PASS
28	12.85	12.79	-0.47%	PASS
29	13.23	13.21	-0.15%	PASS
30	11.89	12.00	0.93%	PASS
Mean	12.850	12.910	0.46%	PASS
Max.	13.490	13.520	0.22%	PASS
Min.	11.890	12.000	0.93%	PASS
備註/Remark:	實驗結果 all pass			