

# 502-106214

23JULY, 2015 Rev.A

# Vibration Test Report Of EPII Contact

#### 1. INTRODUCTION

Test was performed on EPII receptacle contact (P/N: 1744144-1) to verify the connection

function after vibration test.

Test was performed at TE Shanghai Electrical Test Laboratory per Product Specification

108-5609.

#### 2. TEST SPECIMENS

Description	P/N	Part Revision
EPII Receptacle Contact	1744144-1	С
EPII Header Assembly	1-1123723-2	AD
EPII Plug Housing	2132781-2	D

#### 3. TEST CONDITIONS

Unless otherwise specified, all the test shall be performed in any combination of the following test conditions.

Temperature	15~35°C
Relative Humidity	25~75%

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# 4. .TEST RESULT

## 4.1 Initial LLCR

#### All samples can meet the LLCR spec (10 m $\Omega$ initial)

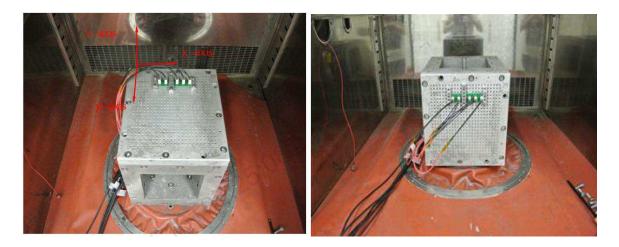
Unit:  $m\Omega$ 

Initial						
pin No	1-1	1-2	1-3	1-4	1-5	
1	1.31	1.24	1.07	1.15	1.19	
2	1.22	1.21	1.14	1.28	1.10	
max	1.31	1.24	1.14	1.28	1.19	
min	1.22	1.21	1.07	1.15	1.10	
ave	1.27	1.22	1.11	1.21	1.15	
max	1.31					
min	1.07					
ave	1.19					

# 4.2 Vibration Test

All samples can meet the spec.

No physical damage and no electrical discontinuity greater than  $1\mu$  s occur.





# 4.3 Final LLCR

#### . All samples can meet the LLCR spec (20 $m\Omega$ final)

Test Result: (mΩ)

pin	1-1	1-2	1-3	1-4	1-5
1	2.68	2.42	3.37	2.71	2.90
2	1.60	3.16	3.09	3.56	2.76
max	3.56				
min	1.60				
avg	2.82				

### 4.4 Final Examination Of Product

No visual change was found after test.

#### 5. Summary

From the test, the samples can meet the function requirement after vibration test.