

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%

©2014 Tyco Electronics Corporation, a TE Connectivity Ltd. company All Rights Reserved Indicates Change



4. .TEST RESULT

4.1 Initial LLCR

All samples can meet the LLCR spec (10 m Ω initial)

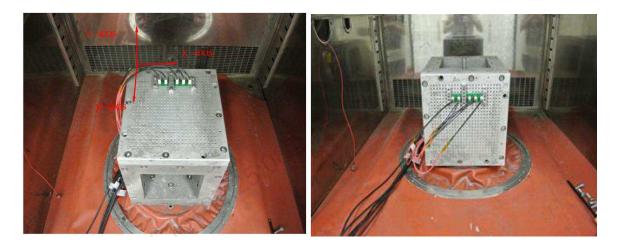
Unit: $m\Omega$

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 1μ 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.