
Vibration Test Report Of EP11 Contact

1. INTRODUCTION

Test was performed on EP11 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
EP11 Receptacle Contact	1744144-1	C
EP11 Header Assembly	1-1123723-2	AD
EP11 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%

4. .TEST RESULT

4.1 Initial LLCR

All samples can meet the LLCR spec (10 mΩ initial)

Unit: mΩ

pin No	Initial				
	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 mΩ 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.