



Validation Test Report

250 AMPIP POD

June 30, 2016.



Tested & Reported By	Reviewed By	Approved By	Test Date	From June 28, 2016 To June 30, 2016
			Classification	Unrestricted

● TE CONNECTIVITY RELIABILITY TEST REPORT

Test Name : Validation for 250 AMPIP POD.

1. Introduction

1-1 Purpose

Testing was performed on the 250 AMPIP POD to determine if it conformance to the requirements of Product Specification 108-5100, Rev.B1
 This experiment is intended to verify the reliability of the new HSG material.
 (Applied resin : PA66, PN: 2136403-1)

1-2 Scope

This report covers the electrical, mechanical, environmental performance requirements of the 250 AMPIP POD.
 The testing was performed between June 28, 2016 and June 30, 2016.

1-3 Test Samples

The test samples were randomly selected from normal current production lots.

P/N	Description
7-171706-1	250 AMPIP POD
2232112-1	250 SERIES FASTON RECEPTACLE

1-4 Conclusion

The 250 AMPIP POD meets the electrical, mechanical performance requirements of Product Specification 108-5100, Rev.B1

1-5 Attachment

1) Test Result

1) Test Result
- Test Group 1

NO.	Test Items	Test Condition	Acceptance criteria	Unit	Test Result									Judgment
					Wire (AWG)	S1	S2	S3	S4	S5	Min.	Max.	Avg.	
1	Contact Retention Force	Initial	8 kgf Min.	kgf	-	22.17	23.18	21.97	22.09	22.35	21.97	23.18	22.35	OK

- Test Group 2

NO.	Test Items	Test Condition	Acceptance criteria	Unit	Test Result									Judgment
					Wire (AWG)	S1	S2	S3	S4	S5	Min.	Max.	Avg.	
1	Insulation Resistance	Initial	500 M Ω Min.	G Ω	-	9.11	9.46	8.79	9.09	8.96	8.79	9.46	9.08	OK
2	Dielectric Strength	Initial	No abnormalities shall be evident.	-	-	OK	OK	OK	OK	OK	-	-	-	OK