



TEST RECORD TE Connectivity Shanghai Electrical Components Test Laboratory	Test Item: Low Level Contact Resistance	Record No.: TP-23-03022-1-1	
	Test Method: EIA-364-23D-2023	Project No.: PRJ-22-000902738	
Requester: Zou, Leon	Tested By: <i>Yang Li</i>	Evaluated By: <i>Qi. Qianyan</i>	Approved By: <i>Qi. Qianyan</i>
Criteria: N/A	Test Conclusion: N/A	Test Date: 2023-03-27	Test Ambient: 23.0 °C; 30.0 %RH

Specimen Information:

Set Group	Set Group Name
SG 3	SG3 2-520336-2 1P 22AWG 1um Tin + GS201
SG 2	SG2 2-520334-2 1P 22AWG 3um Tin
SG 1	SG1 2-520334-2 1P 22AWG 1um Tin + GS201

Set Group	Category	Part No.	Description	Qty. (pcs)
SG 3	Terminal	2-520336-2	ULTRA-FAST 187 ASYREC 22-18 TPBR	5
SG 2	Terminal	2-520334-2	ULTRAFast 187 ASSY FLAG REC 22-18 TPBR	5
SG 1	Terminal	2-520334-2	ULTRAFast 187 ASSY FLAG REC 22-18 TPBR	5

Equipment Utilization:

Equipment Name(Brand & Model):	Equipment No.:	The next calibration date:
Milliohm Meter	E-00090	2023-09-26

Test Flow Description:

Measure and record the contact resistance with a test current of 100mA max and 20 mV max open circuit (source) voltage maximum.

Test Result:

Test data were shown as below: (Unit):

Description	Result	Max.	Min.	Avg.	UOM	Conclusion
SG1_2-520334-2_1P_22AWG_1um Tin + GS201	Data	1.75	1.48	1.60	mΩ	Judged by Customer
SG2_2-520334-2_1P_22AWG_3um Tin	Data	1.68	1.45	1.54	mΩ	Judged by Customer
SG3_2-520336-2_1P_22AWG_1um Tin + GS201	Data	1.65	1.13	1.50	mΩ	Judged by Customer

Failed Test Data:

NA

Test Data:

TE Proprietary & Confidential Information
 © 4/24/2023 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.
 The testing results are only responsible for the specimens tested.
 The test record shall not be reproduced except in full, without written approval of the laboratory.

TE Connectivity Shanghai Electrical Components Test Laboratory.
 Tel: 86-21-33259340 Fax: 86-21-33259224 Post Code: 200233

Address: No.668 Guiping Road Shanghai, China.



Specimen ID	Value	Specimen ID	Value	Specimen ID	Value	Specimen ID	Value	Specimen ID	Value
SG1_5-1	1.57	SG1_4-1	1.75	SG1_3-1	1.48	SG1_2-1	1.59	SG1_1-1	1.60
SG2_1-1	1.51	SG2_5-1	1.45	SG2_4-1	1.46	SG2_3-1	1.59	SG2_2-1	1.68
SG3_1-1	1.13	SG3_3-1	1.51	SG3_2-1	1.62	SG3_4-1	1.65	SG3_5-1	1.59

Comments:

Action No.	Comments
TP-23-03022-1-1-002	/

Test Photos:

Photo Name	Photo
Before test	
Test setup	

TE Proprietary & Confidential Information
 © 4/24/2023 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.
 The testing results are only responsible for the specimens tested.
 The test record shall not be reproduced except in full, without written approval of the laboratory.

TE Connectivity Shanghai Electrical Components Test Laboratory.
 Tel: 86-21-33259340 Fax: 86-21-33259224 Post Code: 200233

Address: No.668 Guiping Road Shanghai, China.