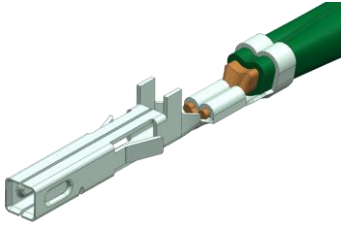
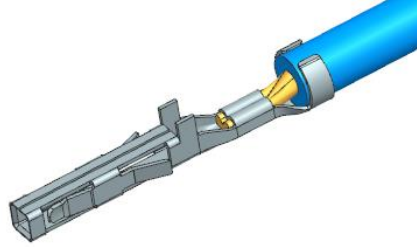
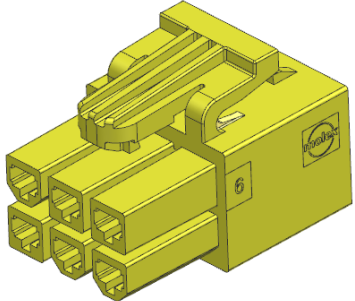
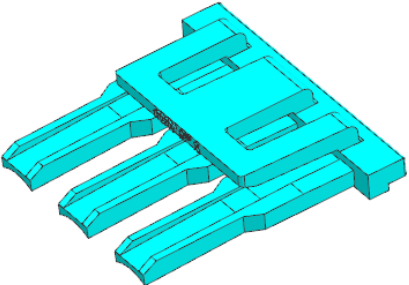
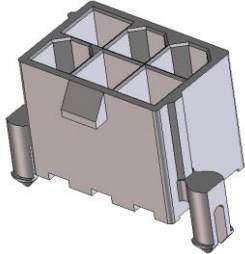
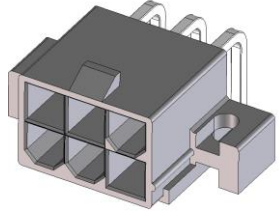


Mini-Fit Sigma, Wire to Board

INTERCONNECT SYSTEMS

See section 2.1 for series numbers

Female terminal	LMF female terminal
	
Receptacle	TPA
	
Vertical header	Right angle header
	

REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 1 of 26
DOCUMENT NUMBER: 2131370001-TS	CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

1.0 SCOPE

This Test Summary covers the performance results for the **MINI-FIT Sigma Wire-To-Board**, 4.20mm pitch dual row and single row connector series using brass and phos bronze terminals with Tin plating terminated with 16 to 24 AWG wire using Molex crimp technology. The TPA (terminal position assurance) is intended to ensure the crimp terminals are fully seated and to prevent incidence of terminal back-out due to partially seated terminals.

2.0 PRODUCT DESCRIPTION

2.1 NAMES AND SERIES NUMBER(S)

WIRE-TO-BOARD				
Description	Series Number	UL (600 V)	CSA (250 V)	IEC (250 V)
Mini-Fit SIGMA, Dual Row, Receptacle Hsg	172708	Yes	Yes	Yes
Mini-Fit SIGMA, Single Row, Receptacle Hsg	200453	Yes	Yes	Yes
Mini-Fit SIGMA, Female Crimp Terminal	172718	Yes	Yes	Yes
LMF MINI-FIT SIGMA FEMALE TERMINAL	221442	Yes	Yes	Yes
Mini-Fit SIGMA, TPA	172709	Yes	Yes	Yes

MATES TO



Right Angle Hdr, Dual Row	35318	Yes	Yes	Yes
Right Angle Hdr, Dual Row	44130	Yes	Yes	Yes
Right Angle Hdr, Dual Row	87427	Yes	Yes	Yes
Right Angle Hdr, Dual Row, Glow Wire Capable	172448	Yes	Yes	Yes
Right Angle Hdr, Dual Row, Reflow Capable	46991	Yes	Yes	Yes
Right Angle Hdr, Single and Dual Row	5569	Yes	Yes	Yes
Right Angle Hdr, Single Row, Reflow Capable	172648	Yes	Yes	Yes
Test Plug	44281	n/a	n/a	n/a
Vertical Hdr, Dual Row	5566	Yes	Yes	Yes
Vertical Hdr, Dual Row	35317	Yes	Yes	Yes
Vertical Hdr, Dual Row	43460	Yes	Yes	Yes
Vertical Hdr, Dual Row	87427	Yes	Yes	Yes
Vertical Hdr, Dual Row Glow Wire Capable	172447	Yes	Yes	Yes
Vertical Hdr, Dual Row Reflow Capable	46207	Yes	Yes	Yes
Vertical Hdr, Single Row	172647	Yes	Yes	Yes

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2.2 DIMENSIONS, MATERIALS, PLATING AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, plating and markings.

2.3 SAFETY AGENCY APPROVALS

UL File Number: **E29179**

CSA: LR 19980

*IEC 61984 Certification: **TBD**. To be tested to and found in compliance with IEC 61984. NRTL type examination certificate available from Molex upon request. Contact Molex Safety Agency team for questions regarding certification on specific part numbers.*

2.4 PRODUCT SPECIFICATION TITLE AND DOCUMENT NUMBER

Title: Product Specification Mini-Fit Sigma Connector System

Document No: 2131370000-PS

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications.

4.0 GLOW WIRE TEST

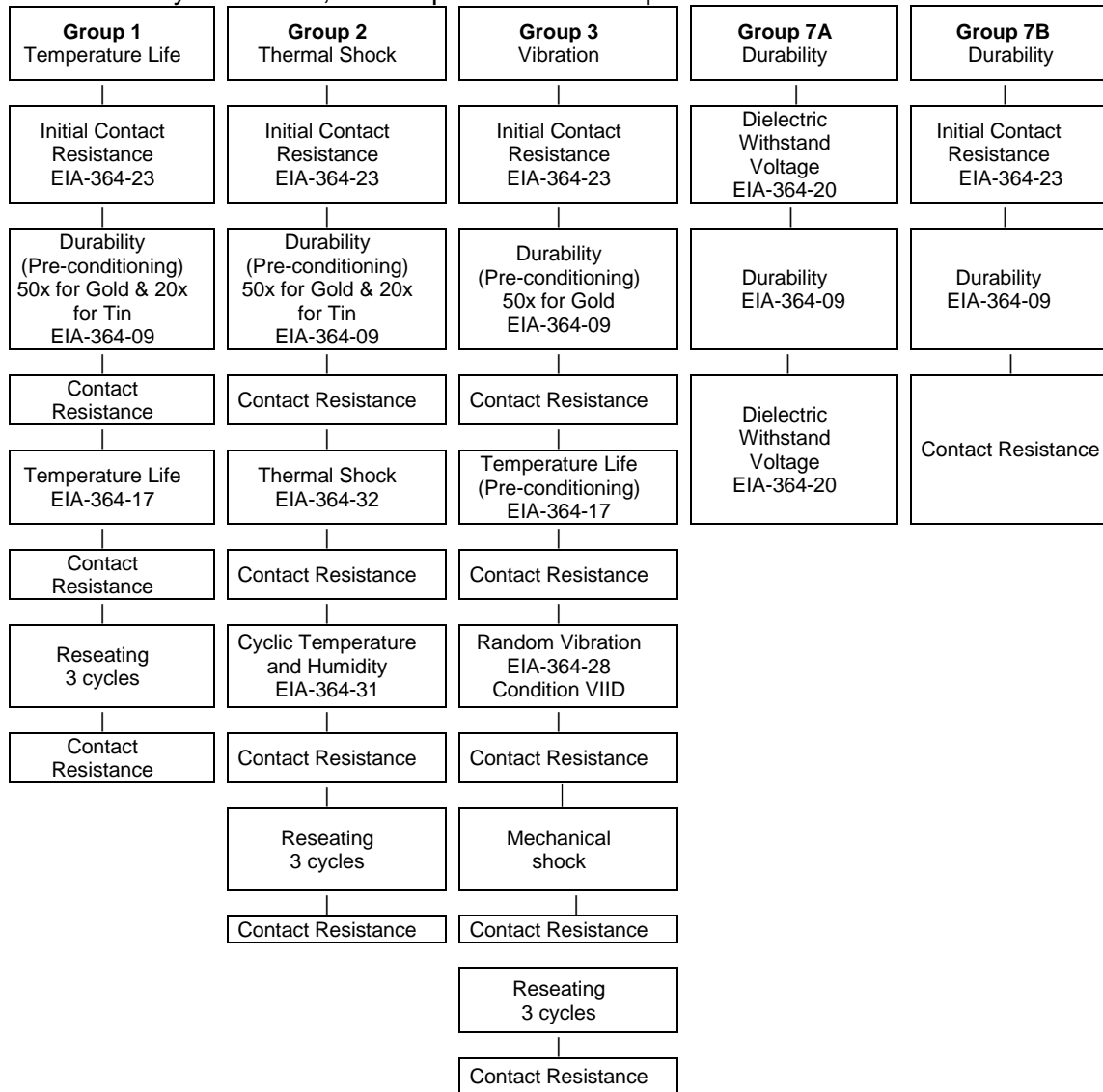
ITEM	REQUIREMENT	Result	Comment
Glow Wire @ 750°C (IEC 60335-1) Horizontal and vertical directions	No flame >0.2 sec	No ignition of part	Pass
<ul style="list-style-type: none"> Housing TPA Assembly loaded with crimped terminals 	Ignition of paper below test sample	No Ignition of Pape	Pass
Assembly loaded with crimped terminals and TPA			

Testing was performance in Molex Reliability Lab.

REVISION	ECR/ECN INFORMATION	TITLE		SHEET No.
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2131370001-TS		GLLI	XQZHANG	XQZHANG

5.0 TEST SEQUENCES

Laboratory conditions, test sequences and sample selection are in accordance with EIA-364.



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		<u>APPROVED BY:</u> XQZHANG	



TEST SUMMARY

Individual Tests

Connector Mate and Un-
mate Forces per circuit

Crimp Terminal Insertion
Force

Crimp Terminal Retention
Force W and W/O TPA

Thumb Latch Yield Strength

Wire Crimp Pullout Force

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5.0 MECHANICAL PERFORMANCE RESULTS

RIGHT ANGLE					
DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MIN.	MAX.
Mate Force Per Circuit (brass)	Initial	14.7 N MAX	2.45 N	2.06 N	3.80 N
Unmate Force Per Circuit (brass)	Initial	1.0 N MIN	3.51 N	2.90 N	4.67 N
Mate Force Per Circuit (phos bronze)	Initial	14.7 N MAX	3.39 N	2.42 N	4.79 N
Unmate Force Per Circuit (phos bronze)	Initial	1.0 N MIN	4.67 N	3.25 N	6.46 N

VERTICAL					
DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MIN.	MAX.
Mate Force Per Circuit (brass)	Initial	14.7 N MAX	4.64 N	3.46 N	6.34 N
Unmate Force Per Circuit (brass)	Initial	1.0 N MIN	5.41 N	4.03 N	7.23 N
Mate Force Per Circuit (phos bronze)	Initial	14.7 N MAX	6.11 N	4.66 N	7.84 N
Unmate Force Per Circuit (phos bronze)	Initial	1.0 N MIN	7.25 N	5.89 N	9.60 N

For LMF female terminal					
DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MIN.	MAX.
Mate Force Per Circuit	Initial	7.0 N MAX	3.89 N	3.38 N	5.13 N
Unmate Force Per Circuit	Initial	1.0 N MIN	3.98 N	3.55 N	4.72 N

DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MIN.	MAX.
Terminal Insertion Force(brass)	Initial	15 N MAX	2.41 N	2.17 N	2.75 N
Terminal Retention Force (brass)	Initial	30 N MIN	58.41 N	55.36 N	60.97 N
Terminal Retention Force (brass)	Initial	60 N MIN	74.92 N	67.81 N	81.27 N
Thumb Latch Yield Strength	Moisturized	50 N MIN	57.29 N	51.61 N	64.77 N
Thumb Latch Yield Strength	Initial	70 N MIN	93.17 N	88.20 N	96.57 N

REVISION	ECR/ECN INFORMATION	TITLE	SHEET No.	
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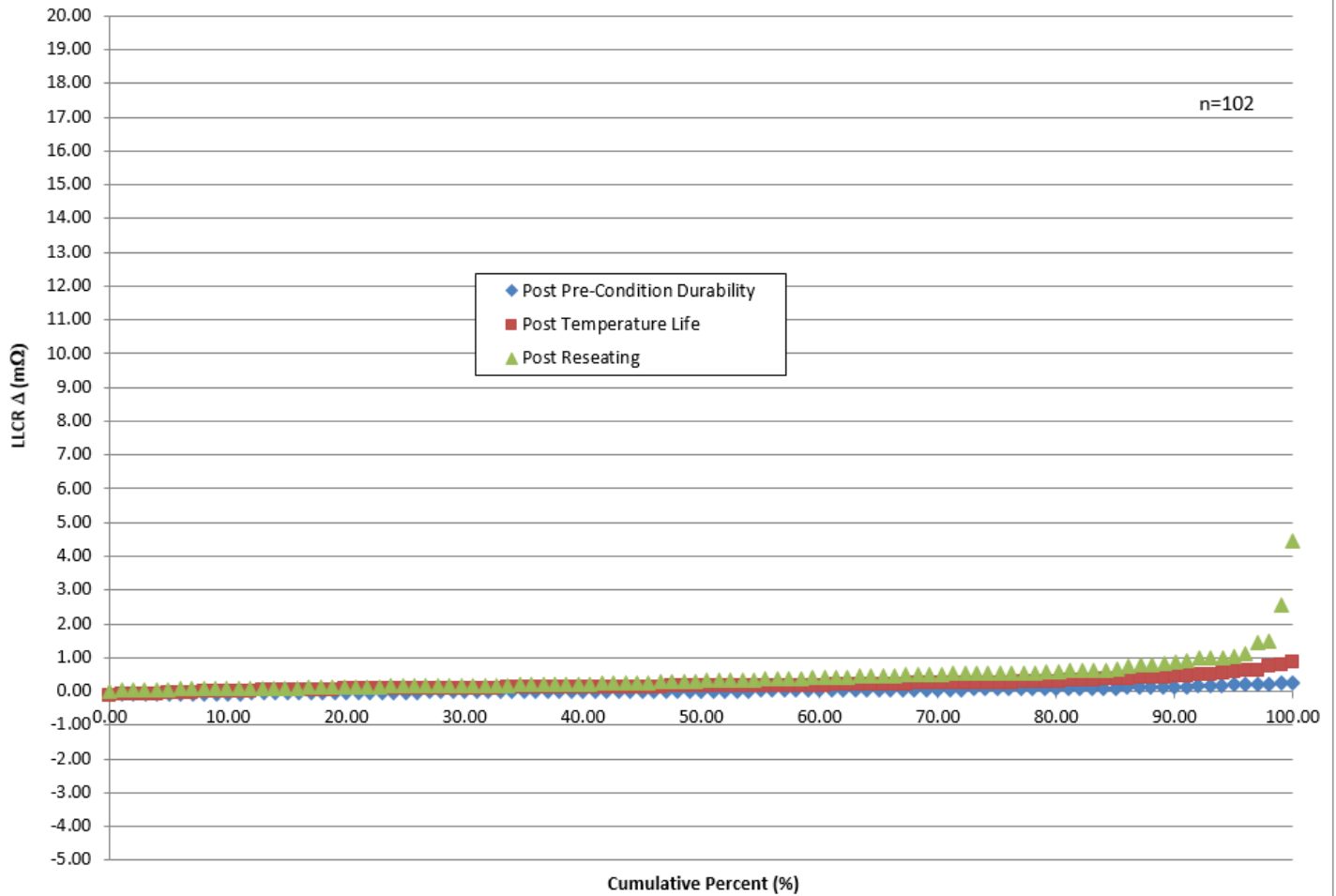
6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS

(Note that measured LLCR values are for one mated interface minus bulk resistance)

ITEM	DESCRIPTION	RIGHT ANGLE – BRASS				
		TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 1	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.55 mΩ	2.19 mΩ	2.96 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.04 mΩ	-0.10 mΩ	0.31 mΩ
		After Temp Life	20 mΩ Δ MAX	0.20 mΩ	-0.12 mΩ	0.86 mΩ
		After Reseating	20 mΩ Δ MAX	0.44 mΩ	0.01 mΩ	4.46 mΩ
		RIGHT ANGLE – PHOS BRONZE				
		Initial	10 mΩ MAX	2.73 mΩ	2.36 mΩ	3.14 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.01 mΩ	-0.17 mΩ	0.27 mΩ
		After Temp Life	20 mΩ MAXIMUM	0.09 mΩ	-0.10 mΩ	0.52 mΩ
		After Reseating	20 mΩ MAXIMUM	0.27 mΩ	-0.05 mΩ	1.21 mΩ
		VERTICAL – BRASS				
		Initial	10 mΩ MAX	2.25 mΩ	2.15 mΩ	2.35 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.08 mΩ	-0.06 mΩ	0.47 mΩ
		After Temp Life	20 mΩ Δ MAX	0.19 mΩ	0.01 mΩ	0.65 mΩ
		After Reseating	20 mΩ Δ MAX	0.29 mΩ	0.01 mΩ	0.95 mΩ
		VERTICAL – PHOS BRONZE				
		Initial	10 mΩ MAX	2.39 mΩ	2.26 mΩ	2.48 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.07 mΩ	-0.09 mΩ	0.31 mΩ
		After Temp Life	20 mΩ Δ MAX	0.18 mΩ	-0.06 mΩ	0.54 mΩ
		After Reseating	20 mΩ Δ MAX	0.15 mΩ	-0.04 mΩ	0.84 mΩ

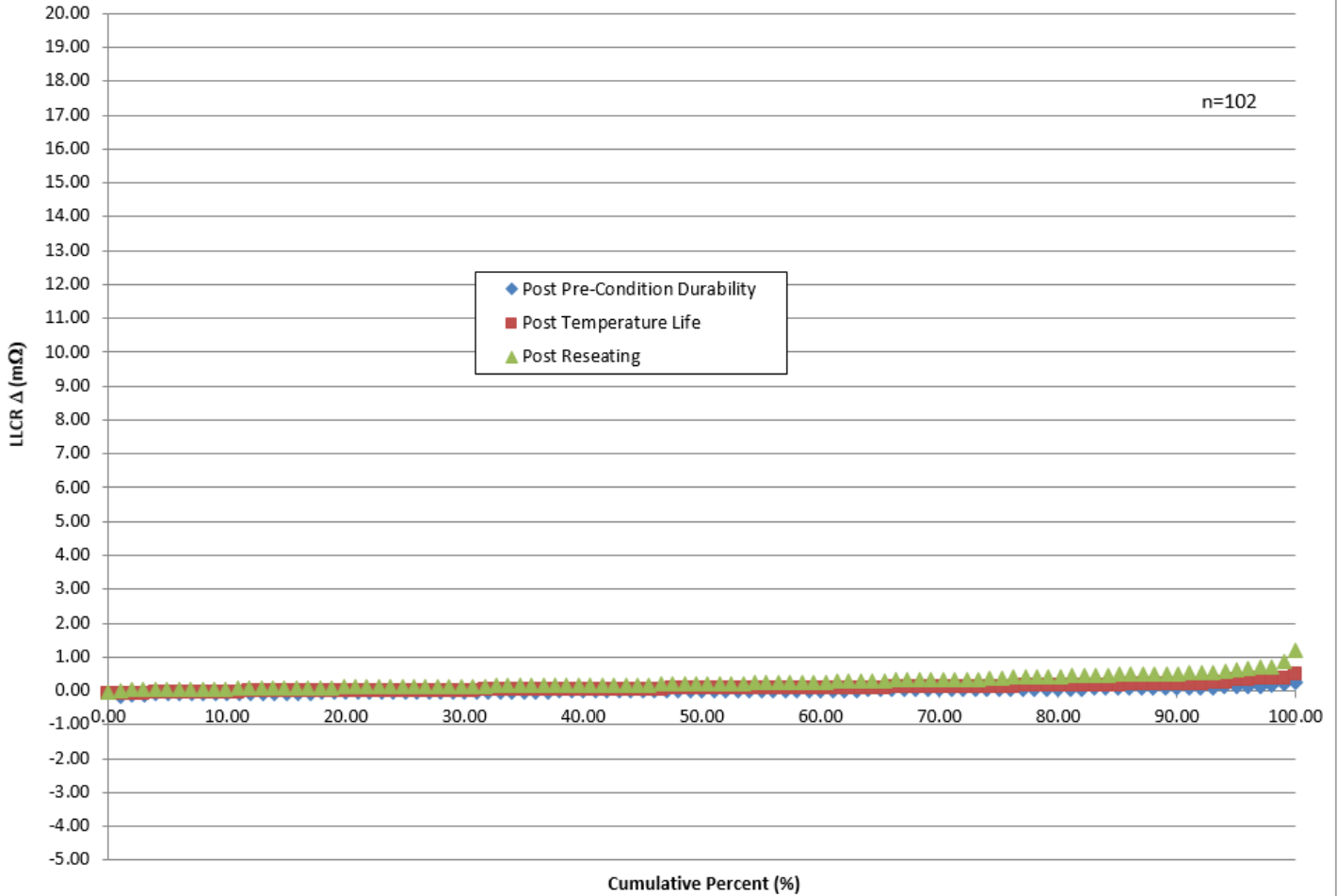
REVISION	ECR/ECN INFORMATION	TITLE			SHEET No.
A1	EC No: 783855 DATE: 2024/04/23	TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY			7 of 26
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Group 1 - Receptacle Sigma mated to R/A Header - BRASS



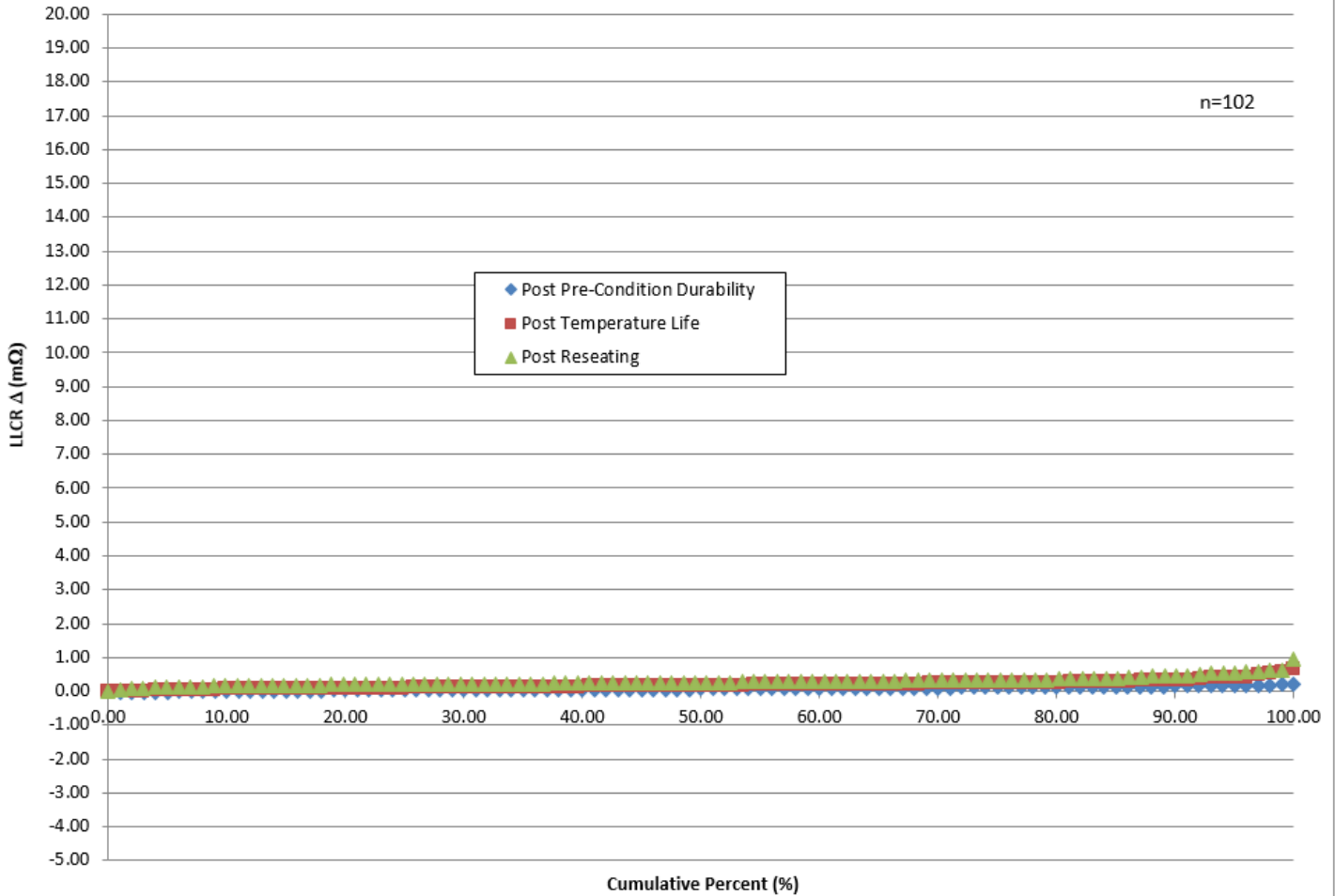
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DOCUMENT NUMBER: 2131370001-TS	CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

Group 1 - Receptacle Sigma mated to R/A Header - PHOS BRONZE



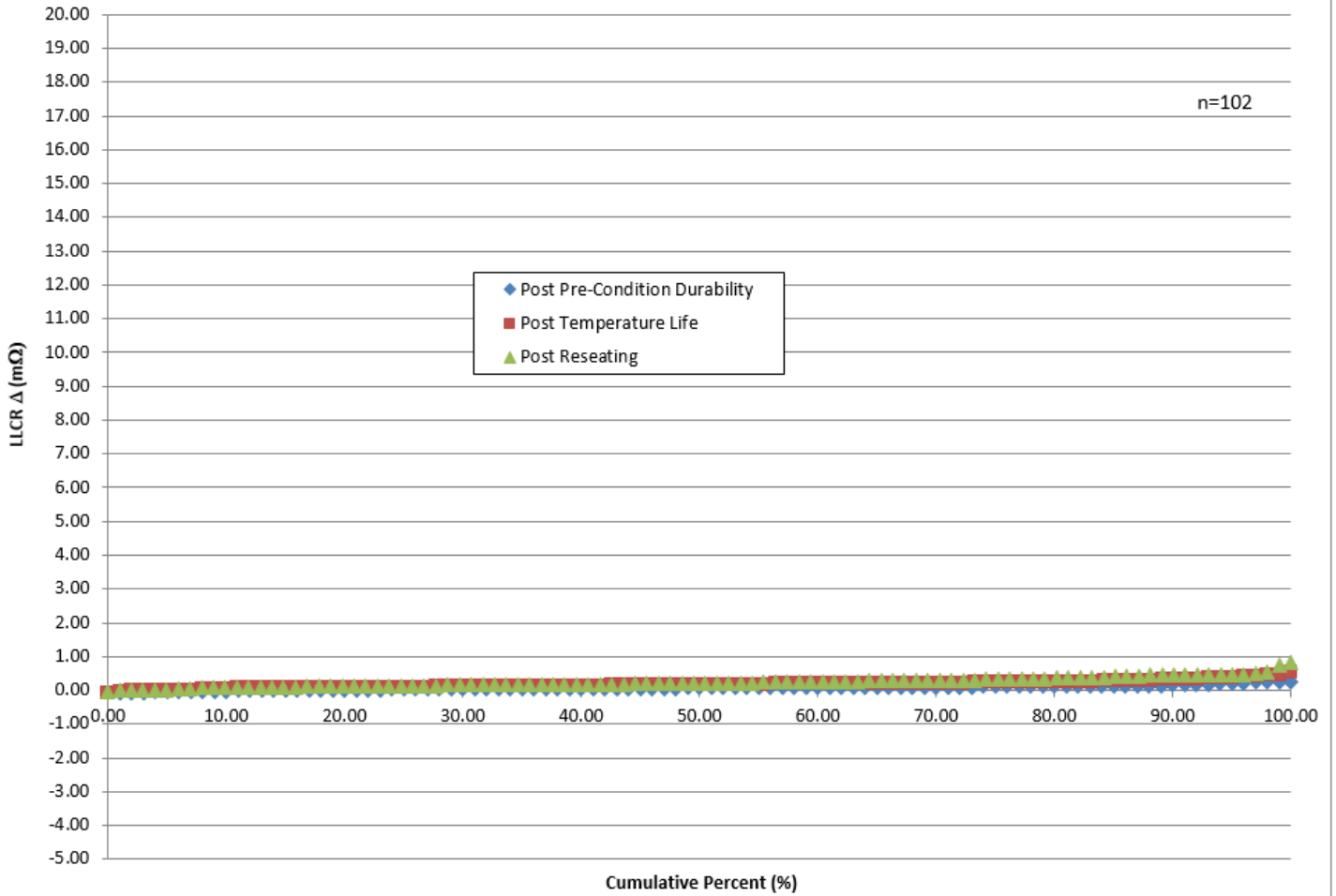
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		APPROVED BY: XQZHANG	

Group 1 - Receptacle Sigma mated to Vertical Header - BRASS



REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 10 of 26
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Group 1 - Receptacle Sigma mated to Vertical Header - PHOS BRONZE



<u>REVISION</u> A1	<u>ECR/ECN INFORMATION</u> EC No: 783855 DATE: 2024/04/23	<u>TITLE</u> TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	<u>SHEET No.</u> 11 of 26
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TEST SUMMARY

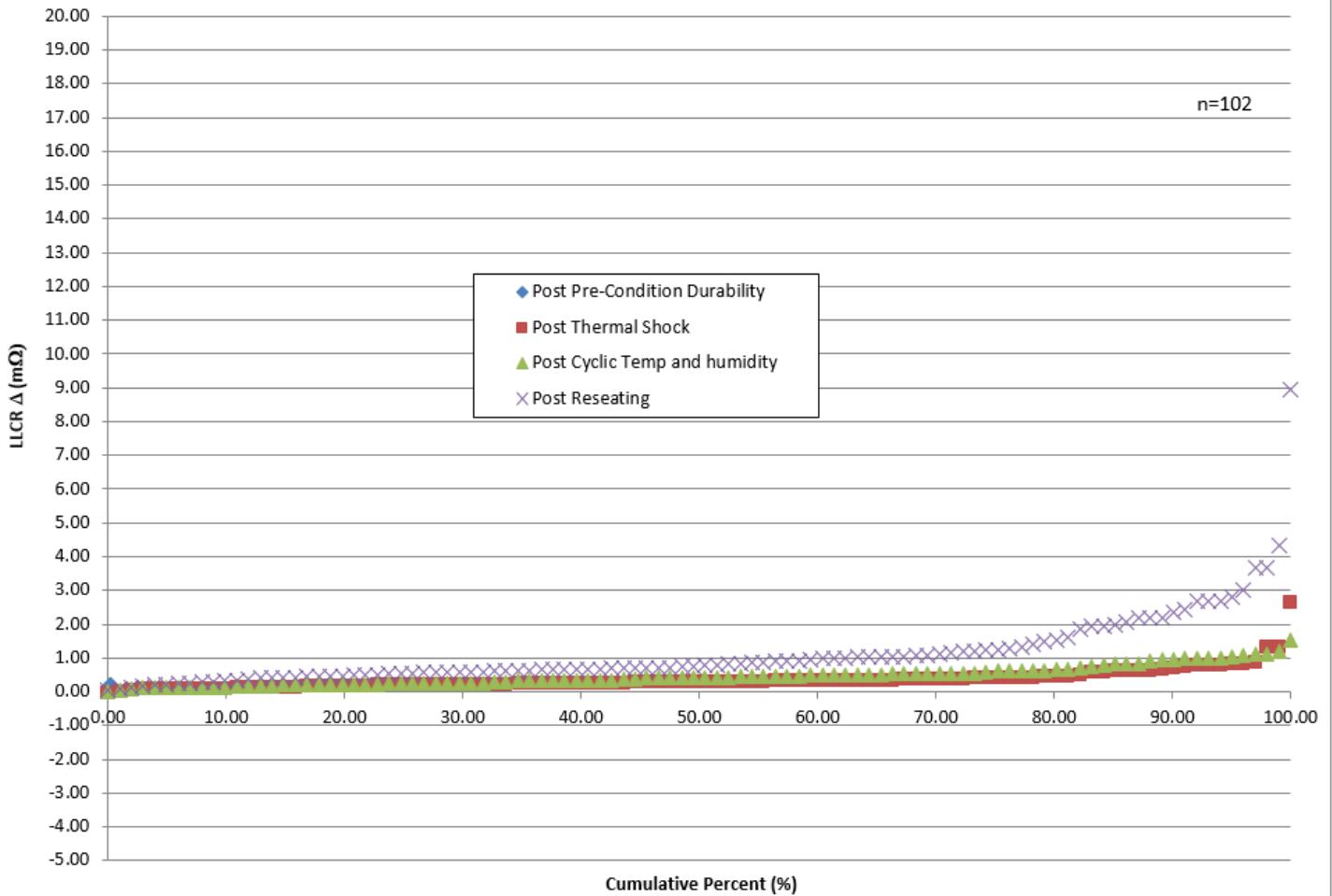
6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS (cont.)

(Note that measured LLCR values are for one mated interface minus bulk resistance)

ITEM	DESCRIPTION	RIGHT ANGLE – BRASS				
		TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 2	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.52 mΩ	2.12 mΩ	2.97 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.05 mΩ	-0.13 mΩ	0.13 mΩ
		After Thermal Shock	20 mΩ Δ MAX	0.36 mΩ	-0.05 mΩ	2.26 mΩ
		After Humidity	20 mΩ Δ MAX	0.47 mΩ	-0.02 mΩ	1.54 mΩ
		After Reseating	20 mΩ Δ MAX	1.13 mΩ	0.04 mΩ	8.94 mΩ
		RIGHT ANGLE – PHOS BRONZE				
		Initial	10 mΩ MAX	2.68 mΩ	2.29 mΩ	3.08 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.07 mΩ	-0.11 mΩ	0.34 mΩ
		After Thermal Shock	20 mΩ Δ MAX	0.23 mΩ	-0.02 mΩ	0.77 mΩ
		After Humidity	20 mΩ Δ MAX	0.34 mΩ	-0.03 mΩ	1.97 mΩ
		After Reseating	20 mΩ Δ MAX	0.64 mΩ	0.08 mΩ	4.38 mΩ
		VERTICAL – BRASS				
		Initial	10 mΩ MAX	2.18 mΩ	2.04 mΩ	2.36 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.12 mΩ	-0.04 mΩ	0.39 mΩ
		After Thermal Shock	20 mΩ Δ MAX	0.33 mΩ	0.08 mΩ	1.00 mΩ
		After Humidity	20 mΩ Δ MAX	0.50 mΩ	0.12 mΩ	1.71 mΩ
		After Reseating	20 mΩ Δ MAX	0.60 mΩ	0.08 mΩ	9.59 mΩ
		VERTICAL – PHOS BRONZE				
		Initial	10 mΩ MAX	2.36 mΩ	2.21 mΩ	2.52 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.10 mΩ	-0.07 mΩ	0.28 mΩ
		After Thermal Shock	20 mΩ Δ MAX	0.26 mΩ	-0.05 mΩ	0.68 mΩ
		After Humidity	20 mΩ Δ MAX	0.42 mΩ	0.04 mΩ	1.67 mΩ
		After Reseating	20 mΩ Δ MAX	0.37 mΩ	0.00 mΩ	1.14 mΩ

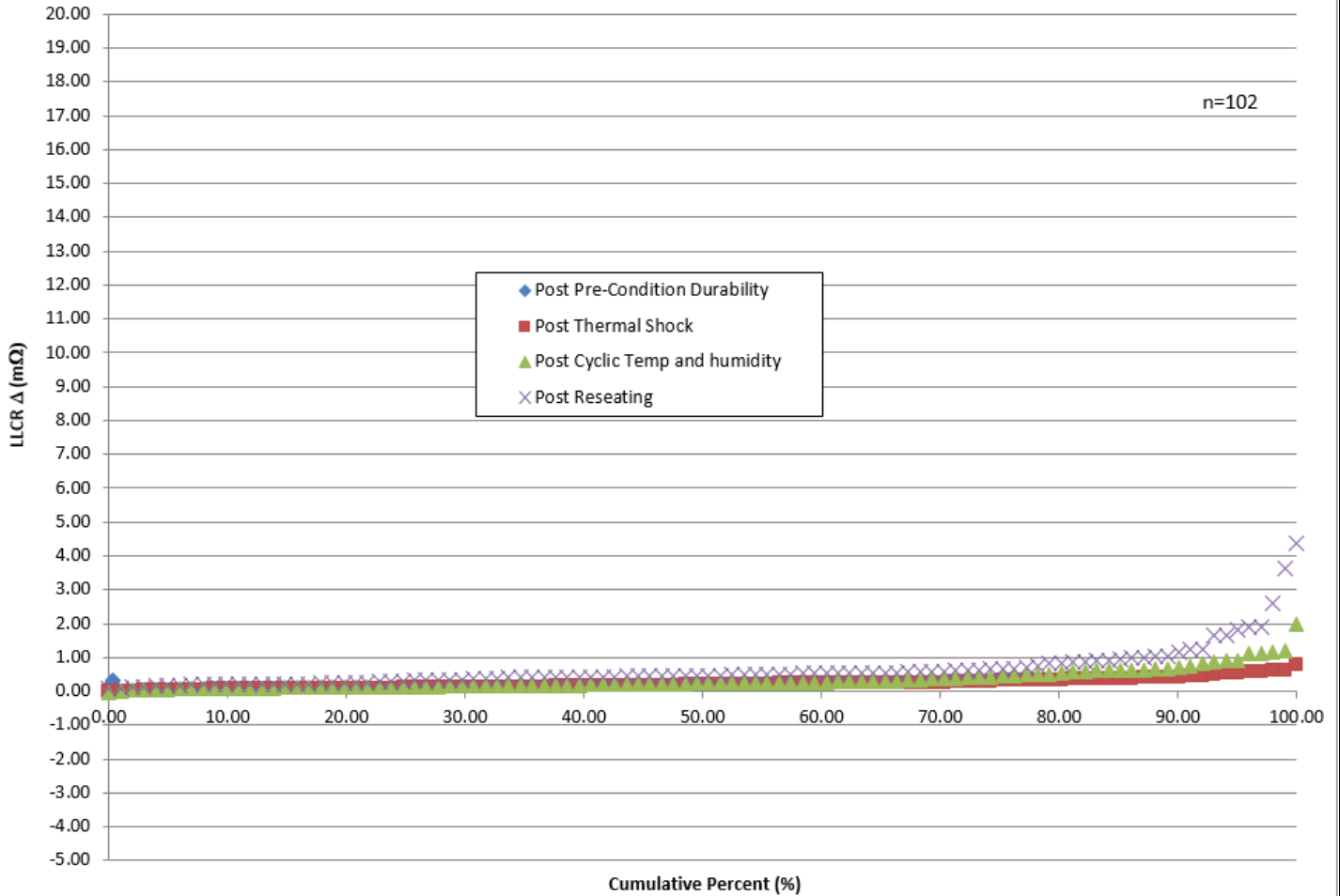
REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 12 of 26
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Group 2 - Receptacle Sigma mated to R/A Header - BRASS



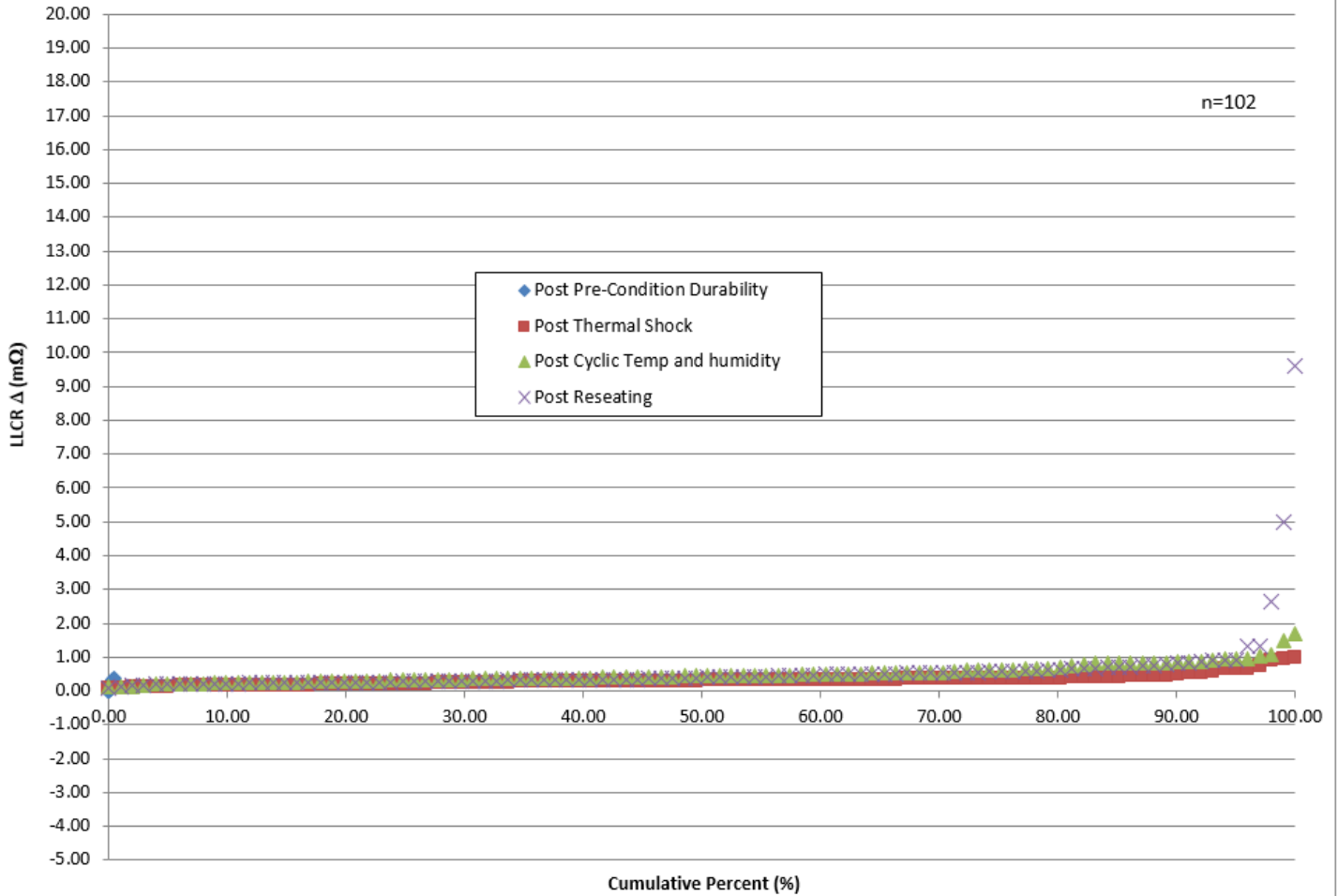
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<p>DOCUMENT NUMBER: 2131370001-TS</p>		<p>CREATED / REVISED BY: GLLI</p>	<p>CHECKED BY: XQZHANG</p>	<p>APPROVED BY: XQZHANG</p>

Group 2 - Receptacle Sigma mated to R/A Header - PHOS BRONZE



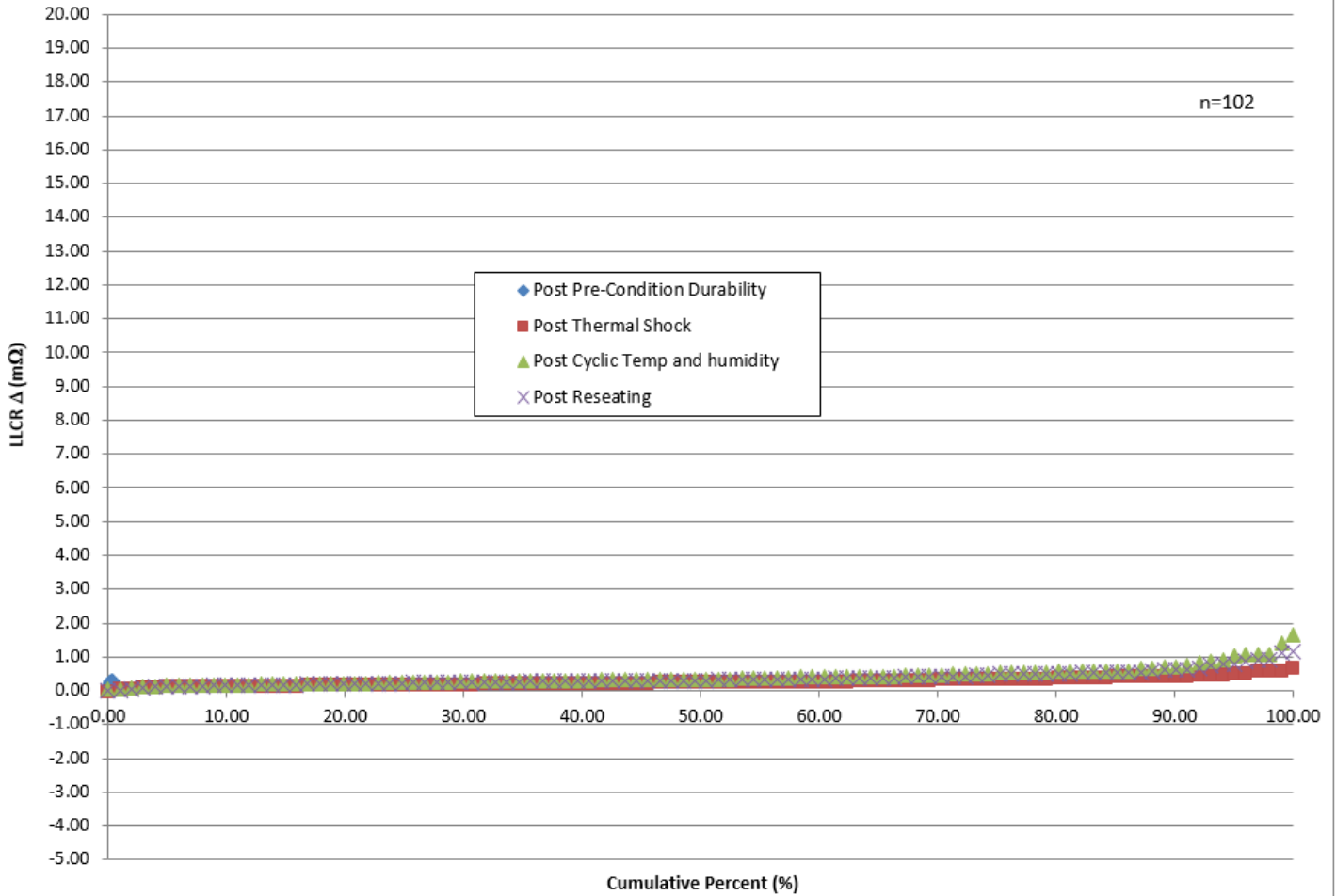
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DOCUMENT NUMBER: 2131370001-TS		CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

Group 2 - Receptacle Sigma mated to Vertical Header - BRASS



<p>REVISION</p> <p>A1</p>	<p>ECR/ECN INFORMATION</p> <p>EC No: 783855</p> <p>DATE: 2024/04/23</p>	<p>TITLE</p> <p>TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY</p>		<p>SHEET No.</p> <p>15 of 26</p>
<p>DOCUMENT NUMBER:</p> <p>2131370001-TS</p>		<p>CREATED / REVISED BY:</p> <p>GLLI</p>	<p>CHECKED BY:</p> <p>XQZHANG</p>	<p>APPROVED BY:</p> <p>XQZHANG</p>
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Group 2 - Receptacle Sigma mated to Vertical Header - PHOS BRONZE



<p>REVISION</p> <p>A1</p>	<p>ECR/ECN INFORMATION</p> <p>EC No: 783855</p> <p>DATE: 2024/04/23</p>	<p>TITLE</p> <p>TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY</p>		<p>SHEET No.</p> <p>16 of 26</p>
<p>DOCUMENT NUMBER:</p> <p>2131370001-TS</p>		<p>CREATED / REVISED BY:</p> <p>GLLI</p>	<p>CHECKED BY:</p> <p>XQZHANG</p>	<p>APPROVED BY:</p> <p>XQZHANG</p>

TEST SUMMARY

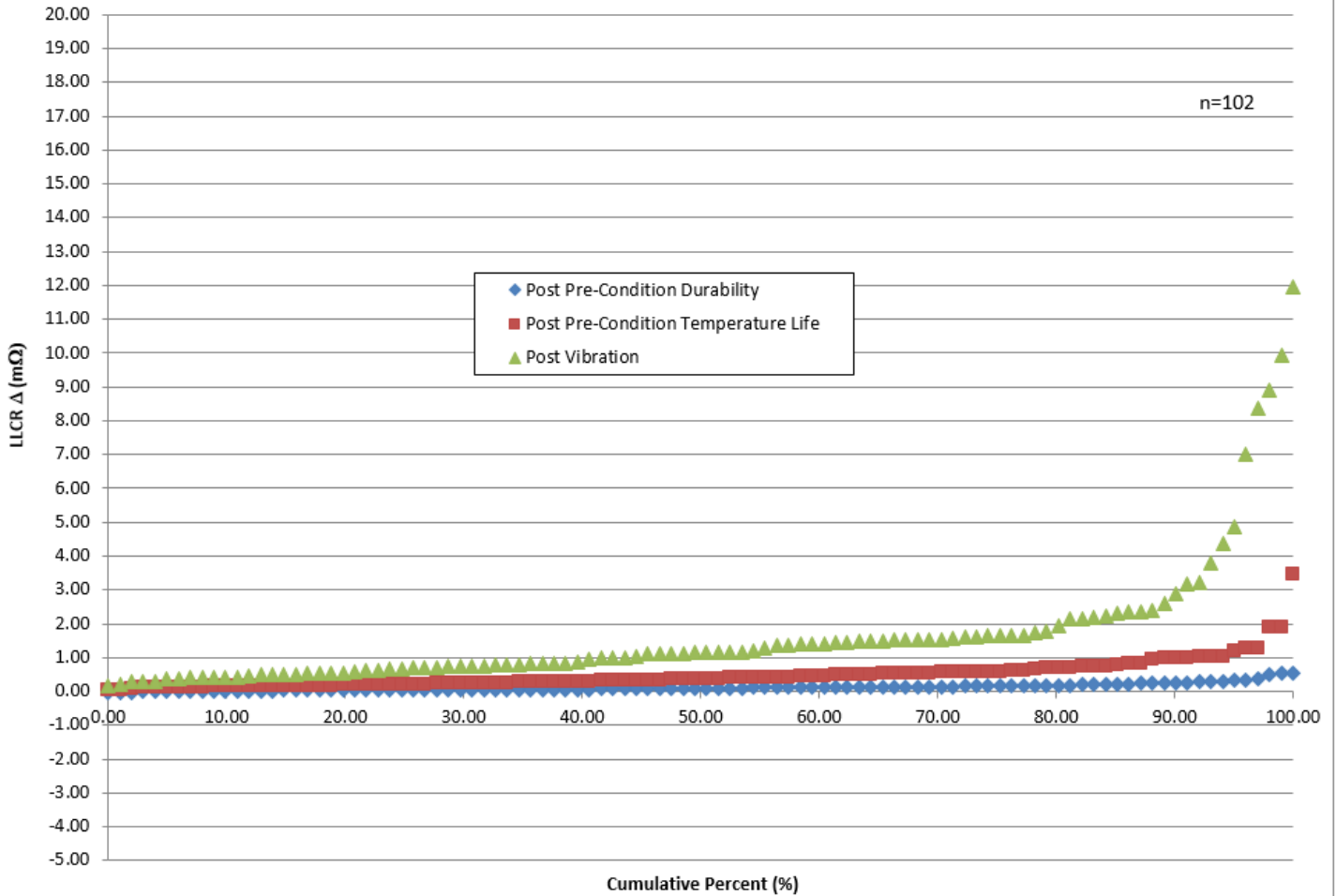
6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS (cont.)

(Note that measured LLCR values are for one mated interface minus bulk resistance)

ITEM	DESCRIPTION	RIGHT ANGLE – BRASS				
		TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 3	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.48 mΩ	2.12 mΩ	2.92 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.12 mΩ	-0.06 mΩ	0.55 mΩ
		After Temp Life (pre-conditioning)	20 mΩ Δ MAX	0.50 mΩ	0.05 mΩ	3.45 mΩ
		After Vibration	20 mΩ Δ MAX	1.66 mΩ	0.17 mΩ	11.94 mΩ
		RIGHT ANGLE – PHOS BRONZE				
		Initial	10 mΩ MAX	2.71 mΩ	2.35 mΩ	3.09 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.11 mΩ	-0.09 mΩ	0.52 mΩ
		After Temp Life (pre-conditioning)	20 mΩ Δ MAX	0.41 mΩ	0.00 mΩ	2.30 mΩ
		After Vibration	20 mΩ Δ MAX	1.71 mΩ	0.10 mΩ	15.41 mΩ
		VERTICAL – BRASS				
		Initial	10 mΩ MAX	2.69 mΩ	2.08 mΩ	2.23 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.18 mΩ	-0.04 mΩ	0.66 mΩ
		After Temp Life (pre-conditioning)	20 mΩ Δ MAX	0.42 mΩ	0.01 mΩ	1.64 mΩ
		After Vibration	20 mΩ Δ MAX	1.11 mΩ	0.13 mΩ	9.43 mΩ
		VERTICAL – PHOS BRONZE				
		Initial	10 mΩ MAX	2.46 mΩ	2.31 mΩ	2.64 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.13 mΩ	-0.15 mΩ	0.63 mΩ
		After Temp Life (pre-conditioning)	20 mΩ Δ MAX	0.41 mΩ	-0.02 mΩ	1.93 mΩ
		After Vibration	20 mΩ Δ MAX	1.26 mΩ	0.09 mΩ	11.86 mΩ

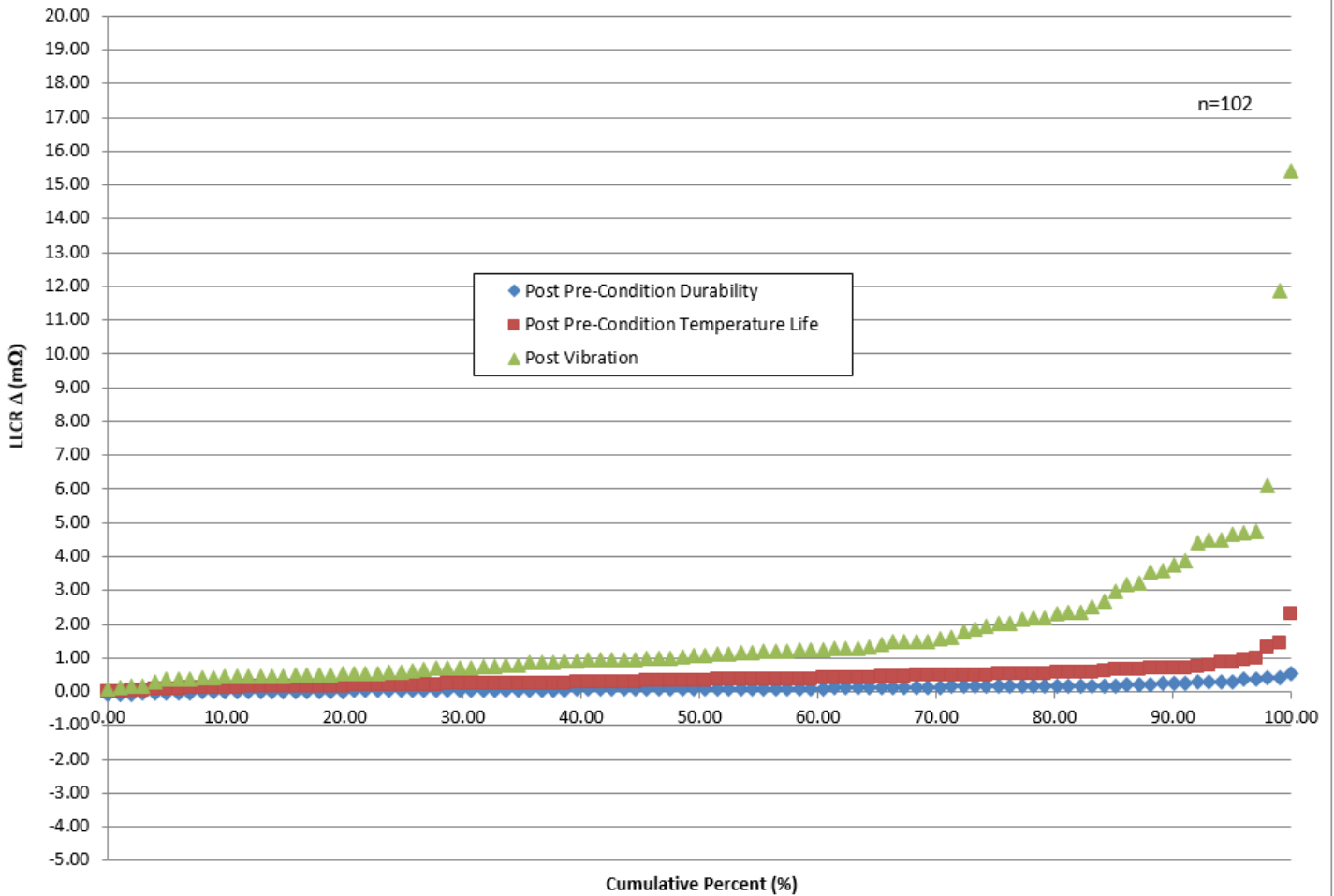
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DOCUMENT NUMBER: 2131370001-TS		CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG
		APPROVED BY: XQZHANG	

Group 3 - Receptacle Sigma mated to R/A Header - BRASS



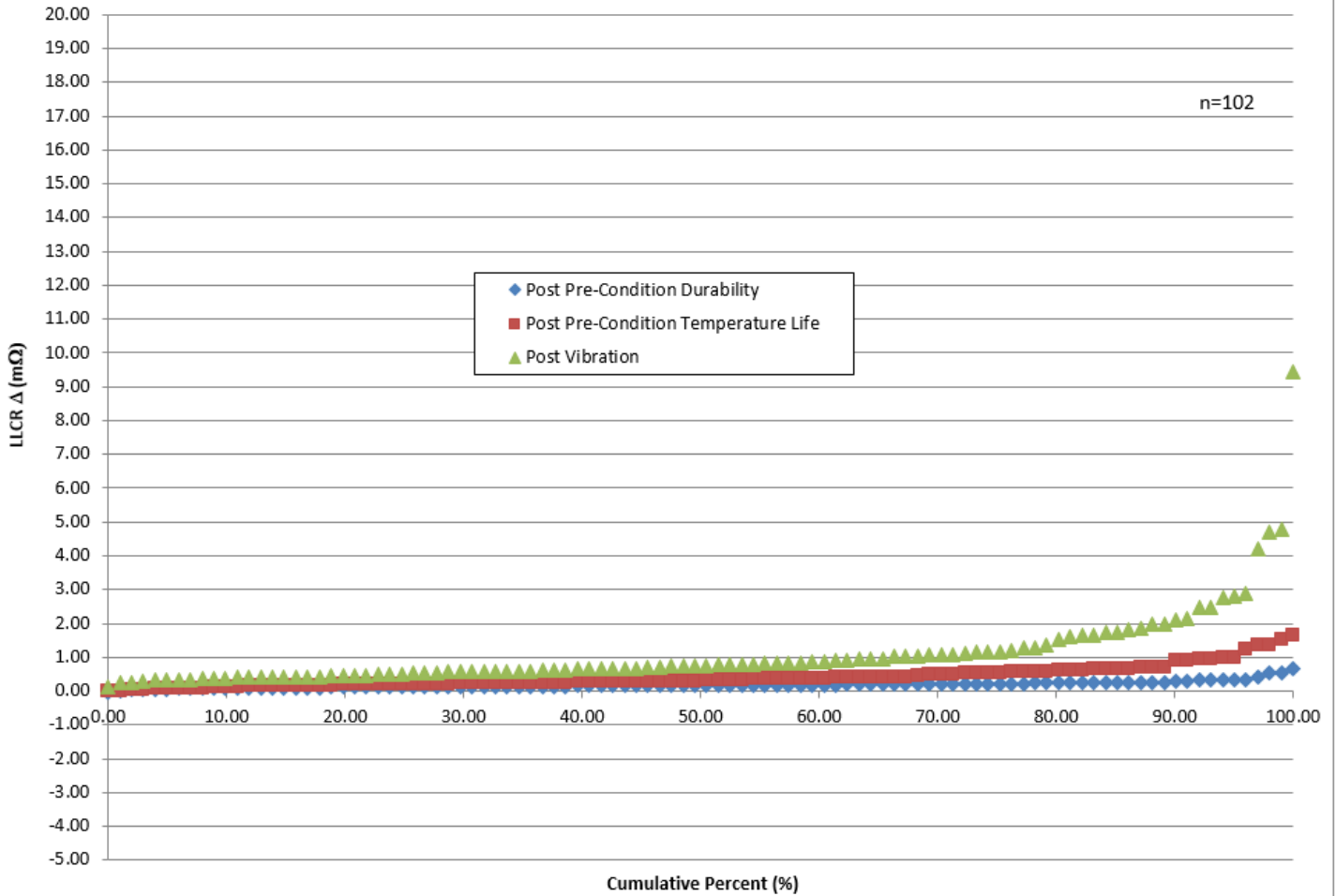
REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY		SHEET No. 18 of 26
DOCUMENT NUMBER: 2131370001-TS		CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

Group 3 - Receptacle Sigma mated to R/A Header - PHOS BRONZE



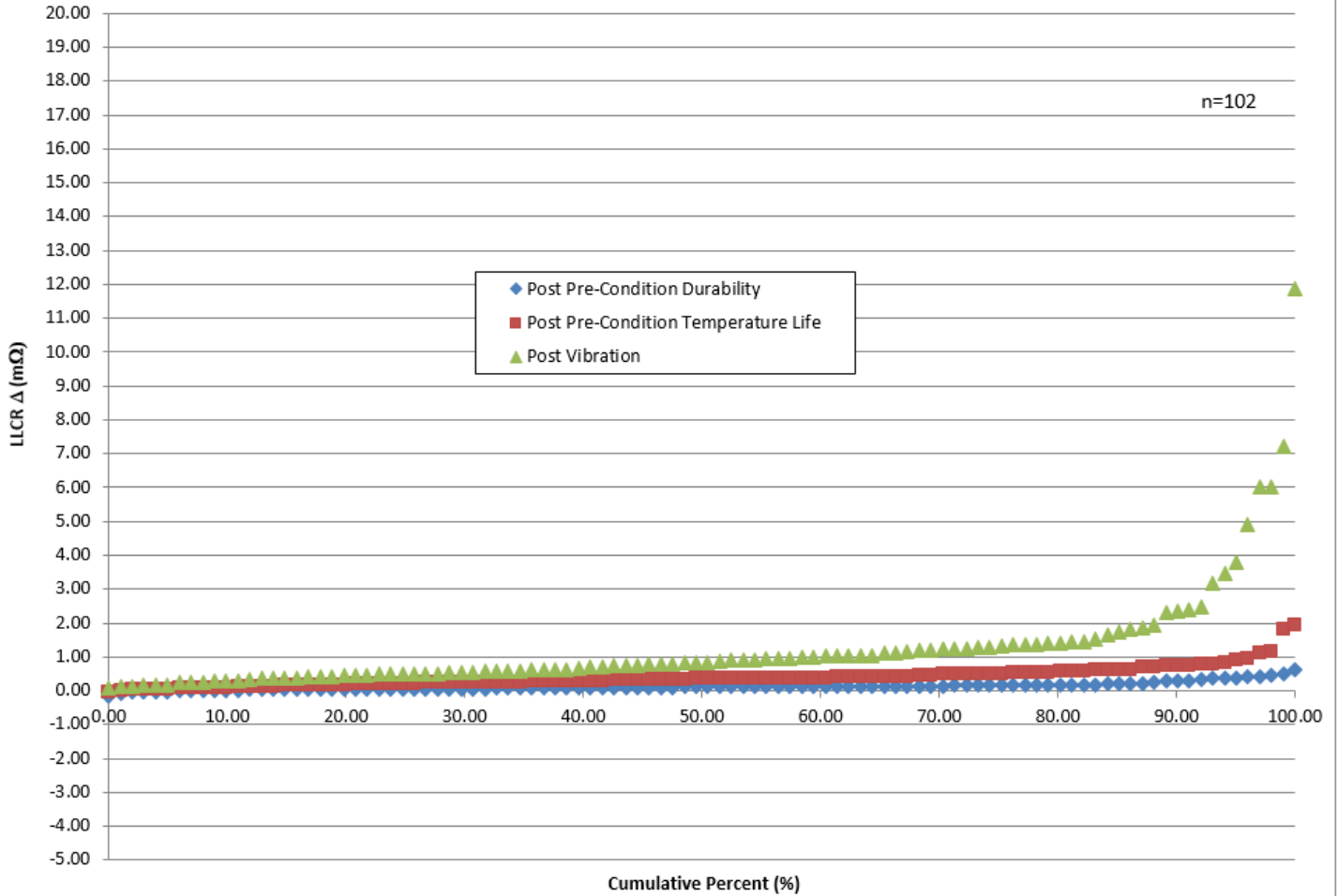
REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 19 of 26
DOCUMENT NUMBER: 2131370001-TS	CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

Group 3 - Receptacle Sigma mated to Vertical Header - BRASS



REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 20 of 26
DOCUMENT NUMBER: 2131370001-TS	CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG

Group 3 - Receptacle Sigma mated to Vertical Header - PHOS BRONZE



6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS (cont.)

REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 21 of 26
DOCUMENT NUMBER: 2131370001-TS	CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG	APPROVED BY: XQZHANG



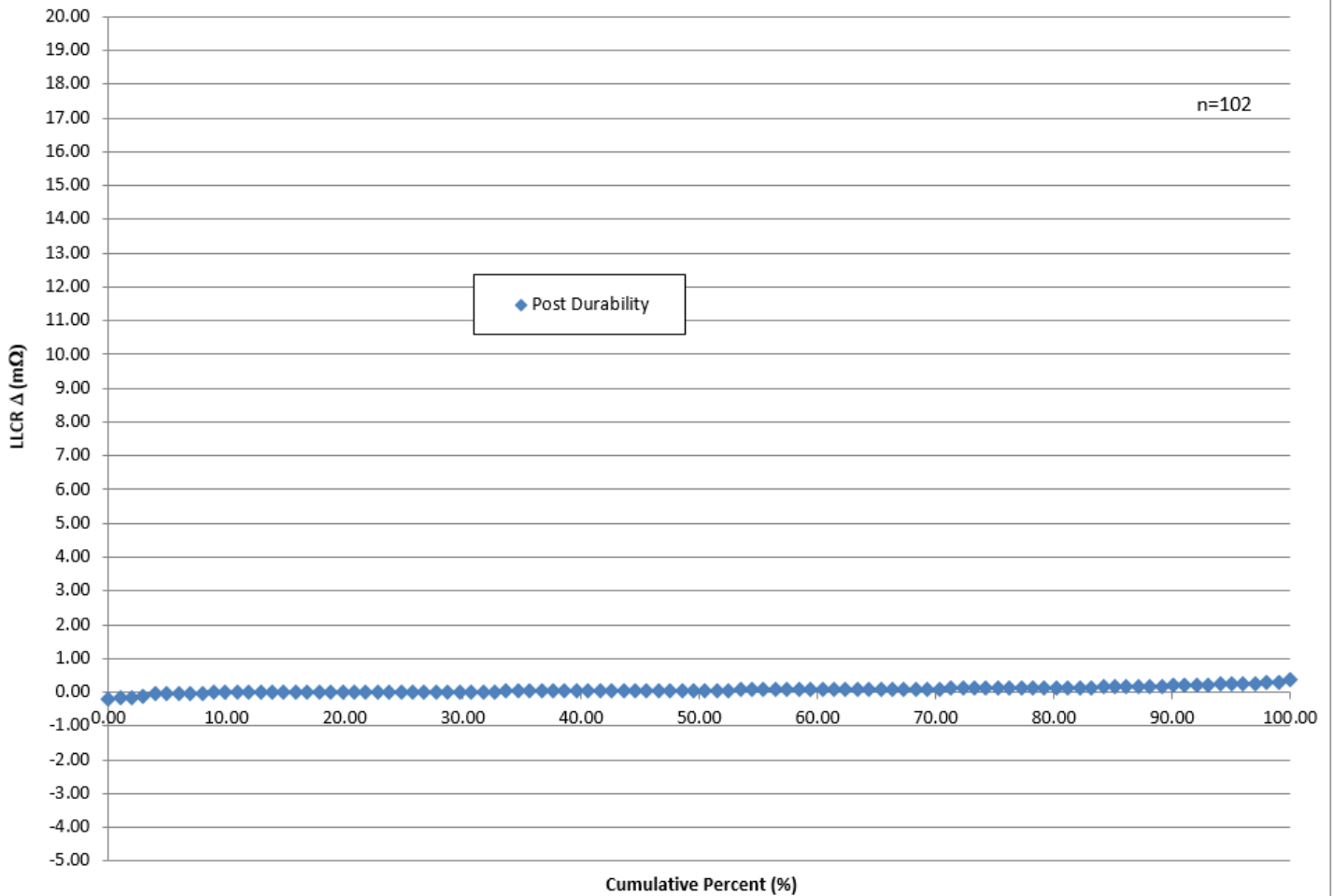
TEST SUMMARY

(Note that measured LLCR values are for one mated interface minus bulk resistance)

		RIGHT ANGLE – BRASS				
ITEM	DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 7	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.51 mΩ	2.13 mΩ	3.23 mΩ
		After Durability	20 mΩ Δ MAX	0.07 mΩ	-0.20 mΩ	0.38 mΩ
		RIGHT ANGLE – PHOS BRONZE				
		Initial	10 mΩ MAX	2.69 mΩ	2.24 mΩ	3.08 mΩ
		After Durability	20 mΩ Δ MAX	0.07 mΩ	-0.13 mΩ	0.39 mΩ
		VERTICAL – BRASS				
		Initial	10 mΩ MAX	2.26 mΩ	2.11 mΩ	2.46 mΩ
		After Durability	20 mΩ Δ MAX	0.18 mΩ	-0.02 mΩ	0.37 mΩ
		VERTICAL – PHOS BRONZE				
		Initial	10 mΩ MAX	2.37 mΩ	2.23 mΩ	2.54 mΩ
	After Durability	20 mΩ Δ MAX	0.20 mΩ	-0.05 mΩ	0.78 mΩ	
	Dielectric Withstanding Voltage	2200 VAC	No breakdown or flashover	PASS		

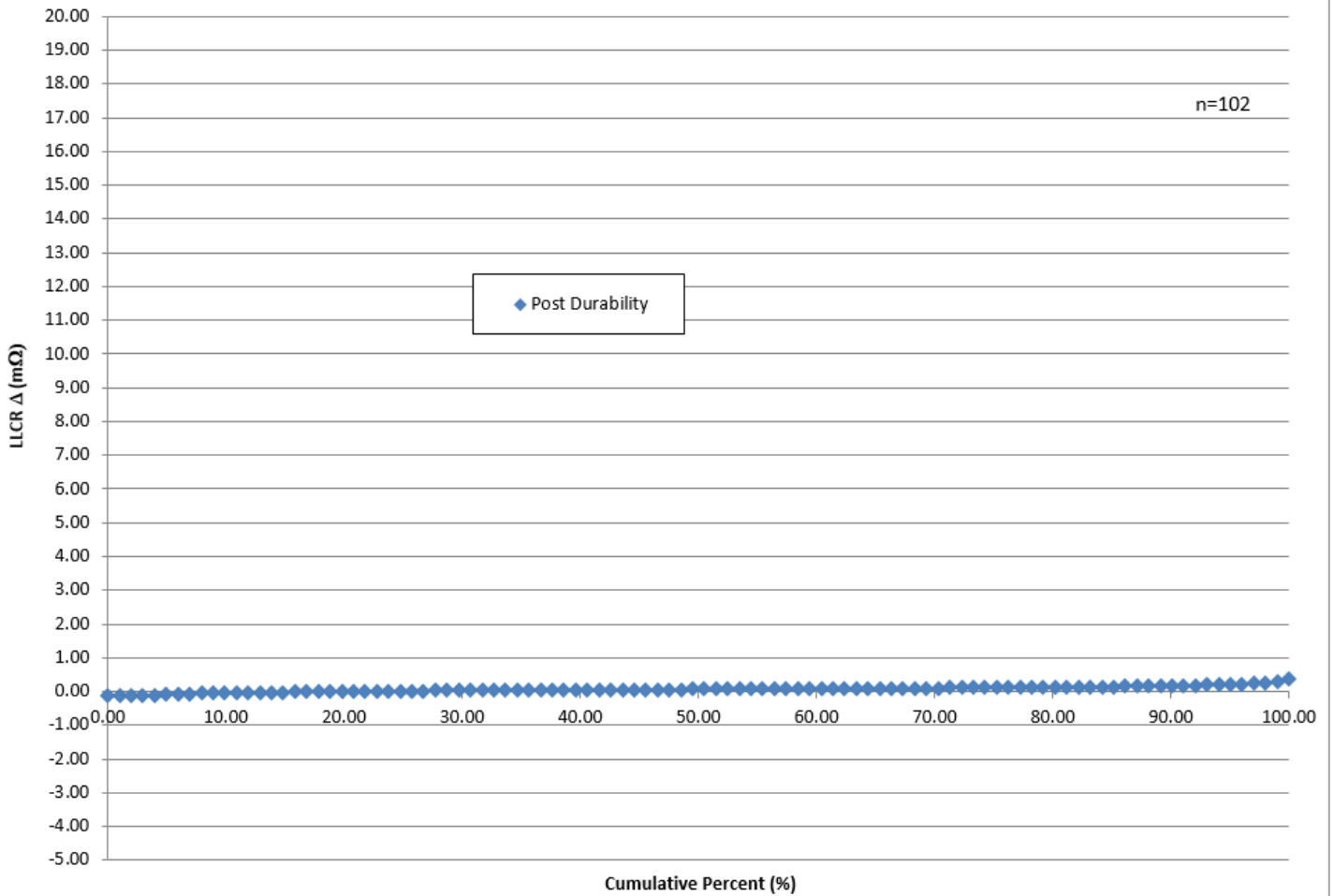
REVISION A1	ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23	TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	SHEET No. 22 of 26
DOCUMENT NUMBER: 2131370001-TS		CREATED / REVISED BY: GLLI	CHECKED BY: XQZHANG
		APPROVED BY: XQZHANG	

Group 7 - Receptacle Sigma mated to R/A Header - BRASS



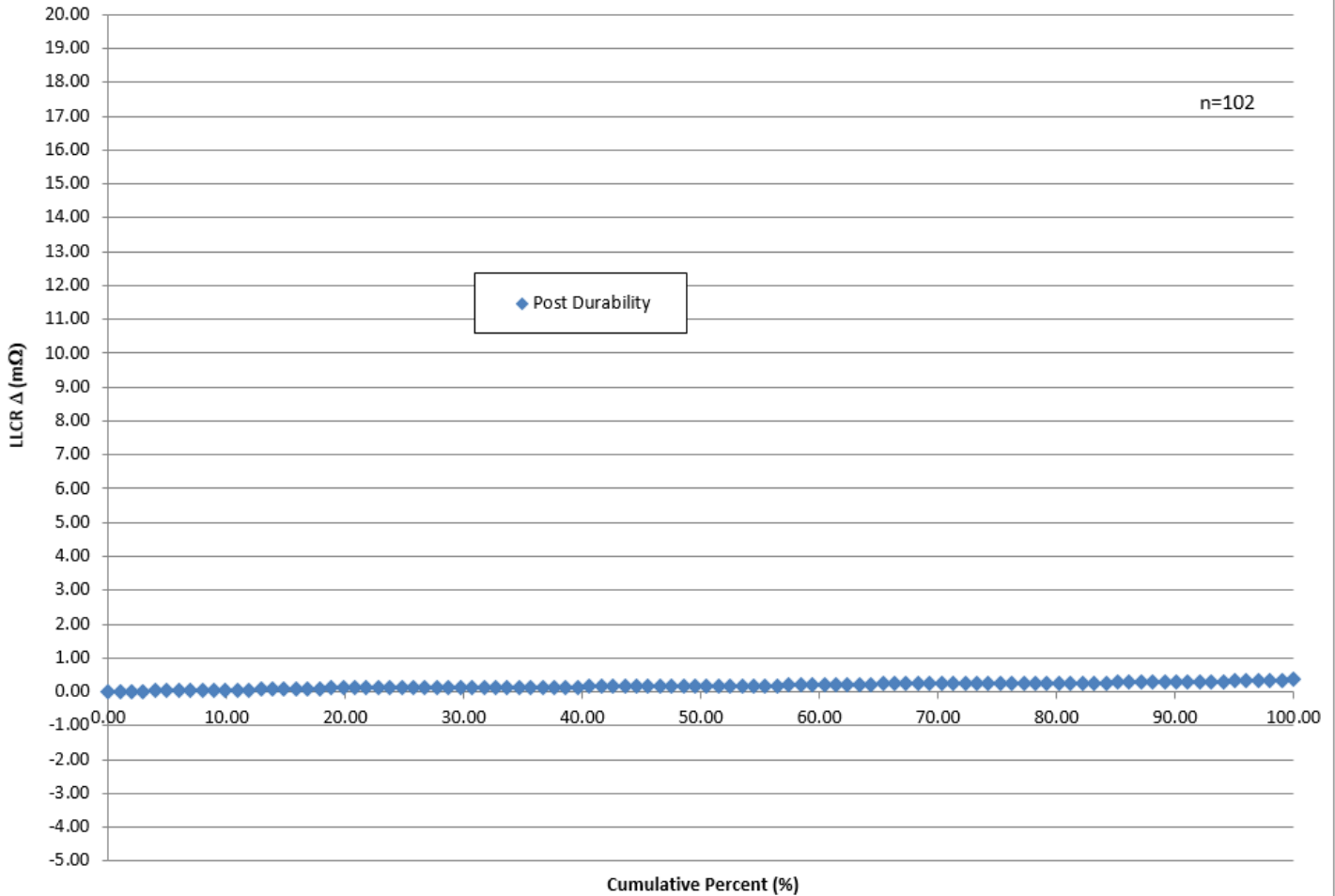
<p>REVISION A1</p>	<p>ECR/ECN INFORMATION EC No: 783855 DATE: 2024/04/23</p>	<p>TITLE TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY</p>		<p>SHEET No. 23 of 26</p>
<p>DOCUMENT NUMBER: 2131370001-TS</p>		<p>CREATED / REVISED BY: GLLI</p>	<p>CHECKED BY: XQZHANG</p>	<p>APPROVED BY: XQZHANG</p>

Group 7 - Receptacle Sigma mated to R/A Header - PHOS BRONZE



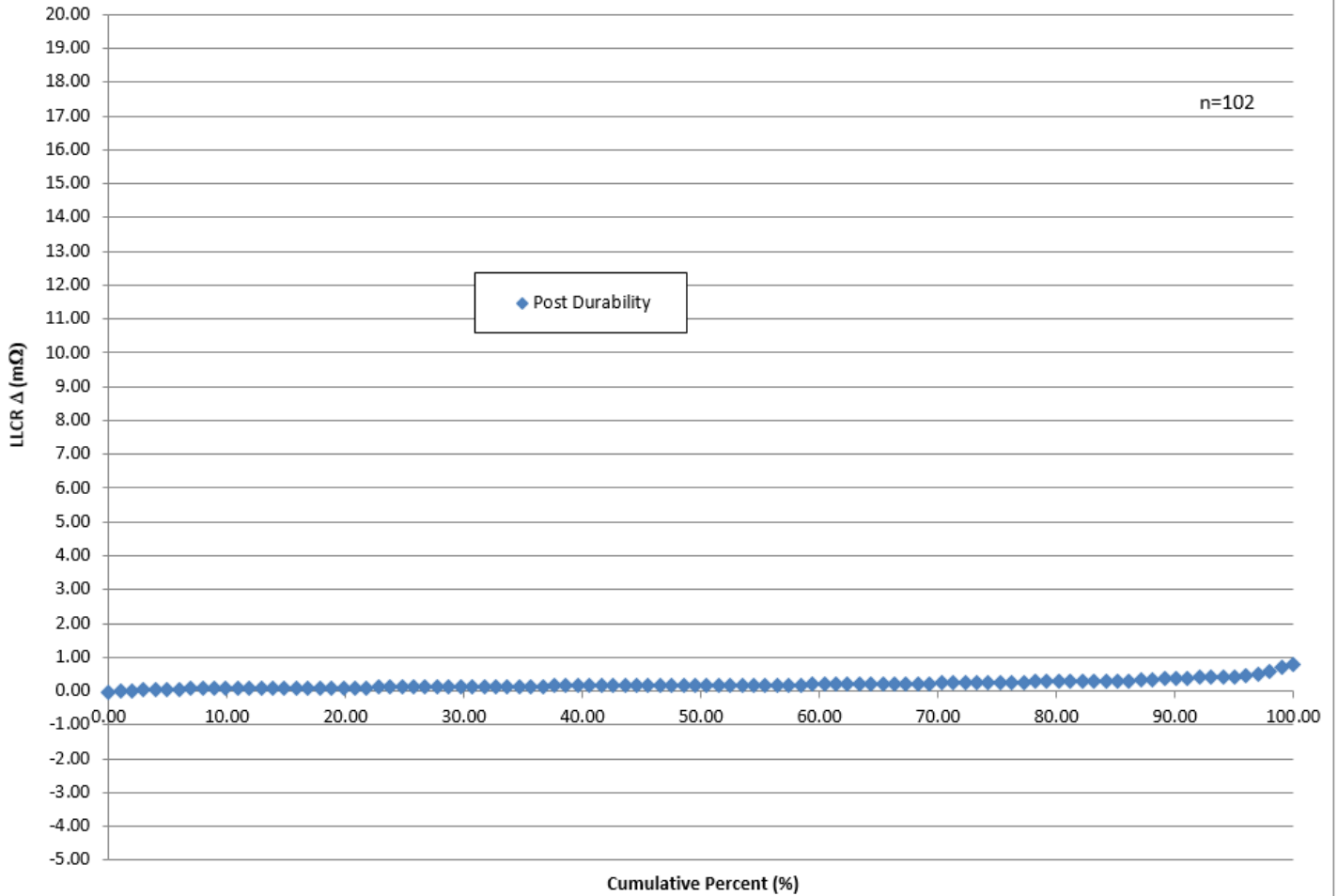
<u>REVISION</u> A1	<u>ECR/ECN INFORMATION</u> EC No: 783855 DATE: 2024/04/23	<u>TITLE</u> <p style="text-align: center;">TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY</p>		<u>SHEET No.</u> 24 of 26
<u>DOCUMENT NUMBER:</u> 2131370001-TS		<u>CREATED / REVISED BY:</u> GLLI	<u>CHECKED BY:</u> XQZHANG	<u>APPROVED BY:</u> XQZHANG

Group 7 - Receptacle Sigma mated to Vertical Header - BRASS



<u>REVISION</u> A1	<u>ECR/ECN INFORMATION</u> EC No: 783855 DATE: 2024/04/23	<u>TITLE</u> TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY	<u>SHEET No.</u> 25 of 26
<u>DOCUMENT NUMBER:</u> 2131370001-TS		<u>CREATED / REVISED BY:</u> GLLI	<u>CHECKED BY:</u> XQZHANG
			<u>APPROVED BY:</u> XQZHANG

Group 7 - Receptacle Sigma mated to Vertical Header - PHOS BRONZE



<p>REVISION</p> <p>A1</p>	<p>ECR/ECN INFORMATION</p> <p>EC No: 783855</p> <p>DATE: 2024/04/23</p>	<p>TITLE</p> <p>TEST SUMMARY FOR MINI-FIT SIGMA WIRE-TO-BOARD CONTACT INTERFACE RELIABILITY</p>		<p>SHEET No.</p> <p>26 of 26</p>
<p>DOCUMENT NUMBER:</p> <p>2131370001-TS</p>		<p>CREATED / REVISED BY:</p> <p>GLLI</p>	<p>CHECKED BY:</p> <p>XQZHANG</p>	<p>APPROVED BY:</p> <p>XQZHANG</p>