


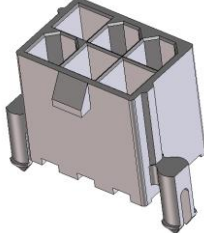
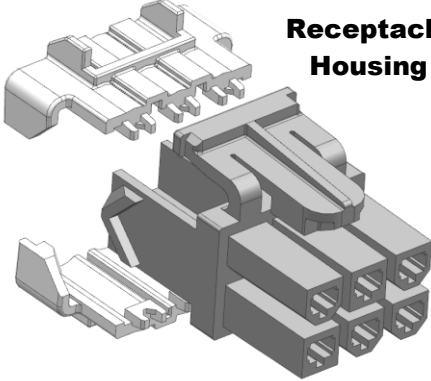
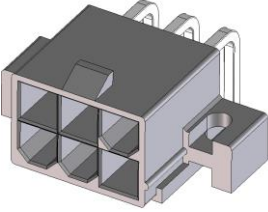


# TEST SUMMARY

## Mini-fit TPA2, Wire to Board

### INTERCONNECT SYSTEMS

See section 2.1 for series numbers

<b>Receptacle w/ TPA</b>	<b>Standard Header</b>
<p><b>Female Crimp Terminal</b></p> 	<p><b>Vertical Header</b></p> 
<p><b>TPA Retainer</b></p> <p><b>Receptacle Housing</b></p> 	<p><b>Right Angle Header</b></p> 

REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR          MINI-FIT TPA2 WIRE TO BOARD          CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>1 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## 1.0 SCOPE

This Test Summary covers the performance results for the **MINI-FIT TPA2 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 Retainer (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 TPA2, Receptacle Hsg, Dual Row	172708	Yes	Yes	Yes
Mini-Fit TPA2, Receptacle Hsg, Single Row	200453	Yes	Yes	Yes
Mini-Fit TPA2, Female Crimp Terminal	172718	Yes	Yes	Yes
Mini-Fit TPA2, TPA Retainer	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	36633	Yes	Yes	Yes
Vertical Hdr, Dual Row	43460	Yes	Yes	Yes
Vertical Hdr, Dual Row	44482	Yes	Yes	Yes
Vertical Hdr, Dual Row	47254	Yes	Yes	Yes
Vertical Hdr, Dual Row	47256	Yes	Yes	Yes
Vertical Hdr, Dual Row	67120	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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# TEST SUMMARY

## 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: LR19980

*IEC 61984 Certification: 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 TPA2 Connector System

Document No: PS-172718-0000

## 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

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

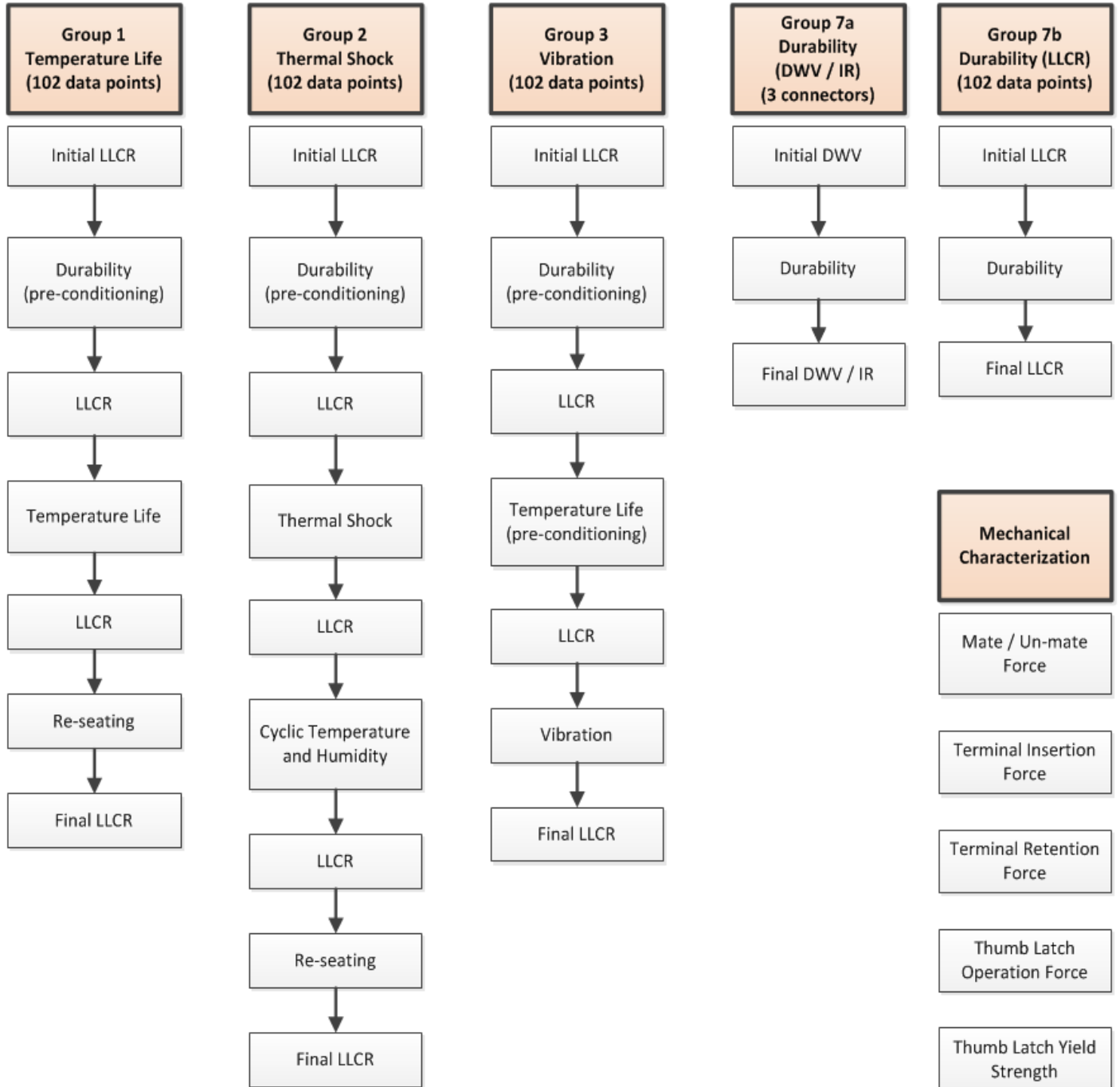
REVISION	ECR/ECN INFORMATION	TITLE		SHEET No.
<b>A4</b>	EC No: DATE: 2017 / 07 / 12	<b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		<b>3 of 26</b>
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# TEST SUMMARY

## 4.0 TEST SEQUENCES

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



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		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## 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	14.7 N MAX	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	14.7 N MAX	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	14.7 N MAX	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	14.7 N MAX	7.25 N	5.89 N	9.60 N

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DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## 5.0 MECHANICAL PERFORMANCE RESULTS (cont.)

DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MIN.	MAX.
Terminal Insertion Force (brass)	Initial	15 N MAX	2.35 N	1.75 N	3.73 N
Terminal Insertion Force (phos bronze)	Initial	15 N MAX	2.71 N	2.38 N	3.35 N
Terminal Retention Force (brass)	Initial	30 N MIN	60.84 N	54.93 N	63.38 N
Terminal Retention Force (phos bronze)	Initial	30 N MIN	64.89 N	59.84 N	70.19 N
Thumb Latch Operation Force (V-0)	Initial	16 N MAX	10.51 N	9.14 N	11.70 N
Thumb Latch Operation Force (V-2)	Initial	16 N MAX	8.02 N	7.23 N	8.78 N
Thumb Latch Yield Strength (V-0)	Initial	60 N MIN	72.88 N	69.03 N	75.67 N
Thumb Latch Yield Strength (V-2)	Initial	45 N MIN	53.61 N	50.63 N	55.45 N

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DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## 6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS

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

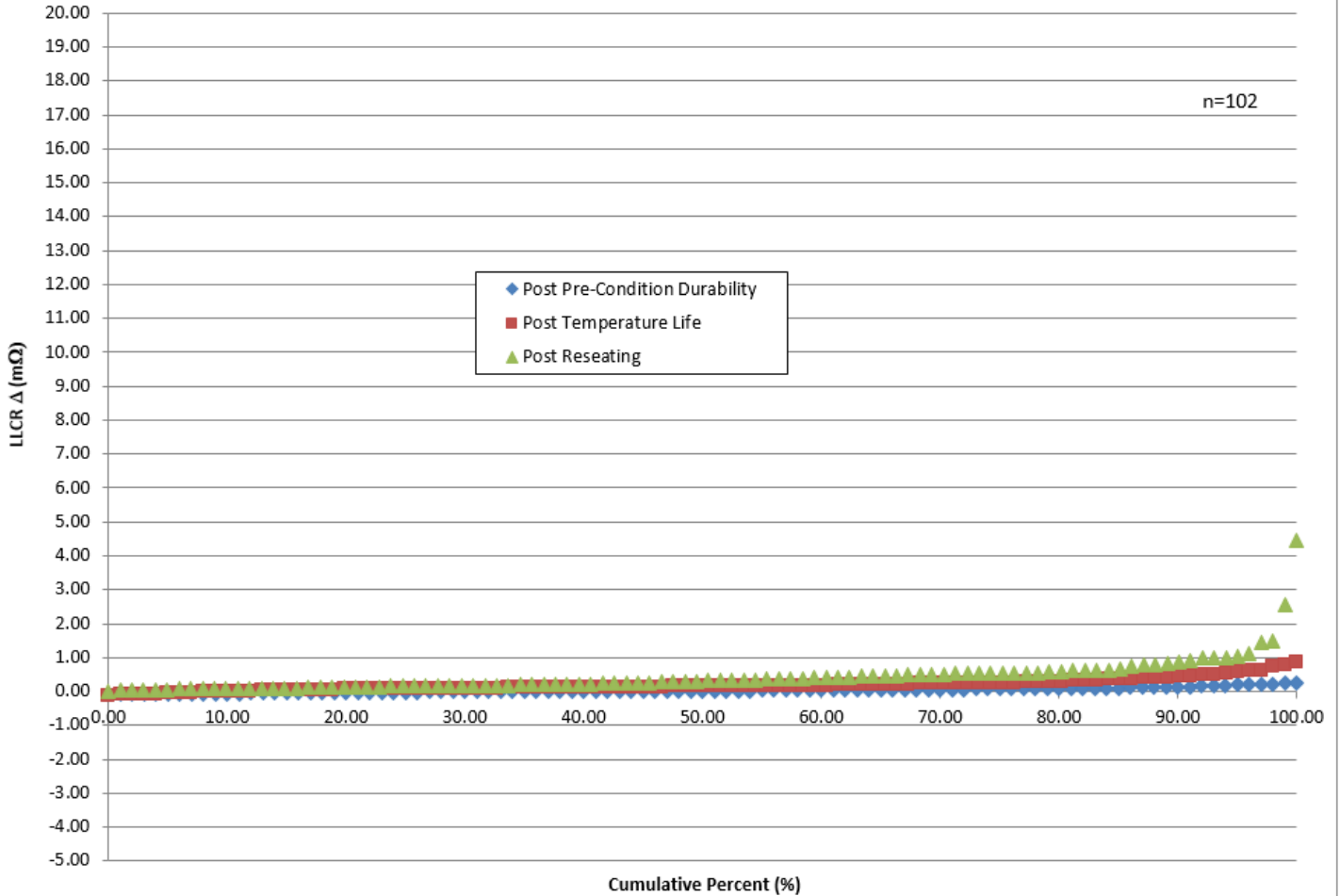
ITEM	DESCRIPTION	RIGHT ANGLE – BRASS				
		TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 1	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.55 mΩ	2.19 mΩ	2.96 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.04 mΩ	-0.10 mΩ	0.31 mΩ
		After Temp Life	20 mΩ Δ MAX	0.20 mΩ	-0.12 mΩ	0.86 mΩ
		After 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.
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DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## Group 1 - Receptacle TPA2 mated to R/A Header - BRASS



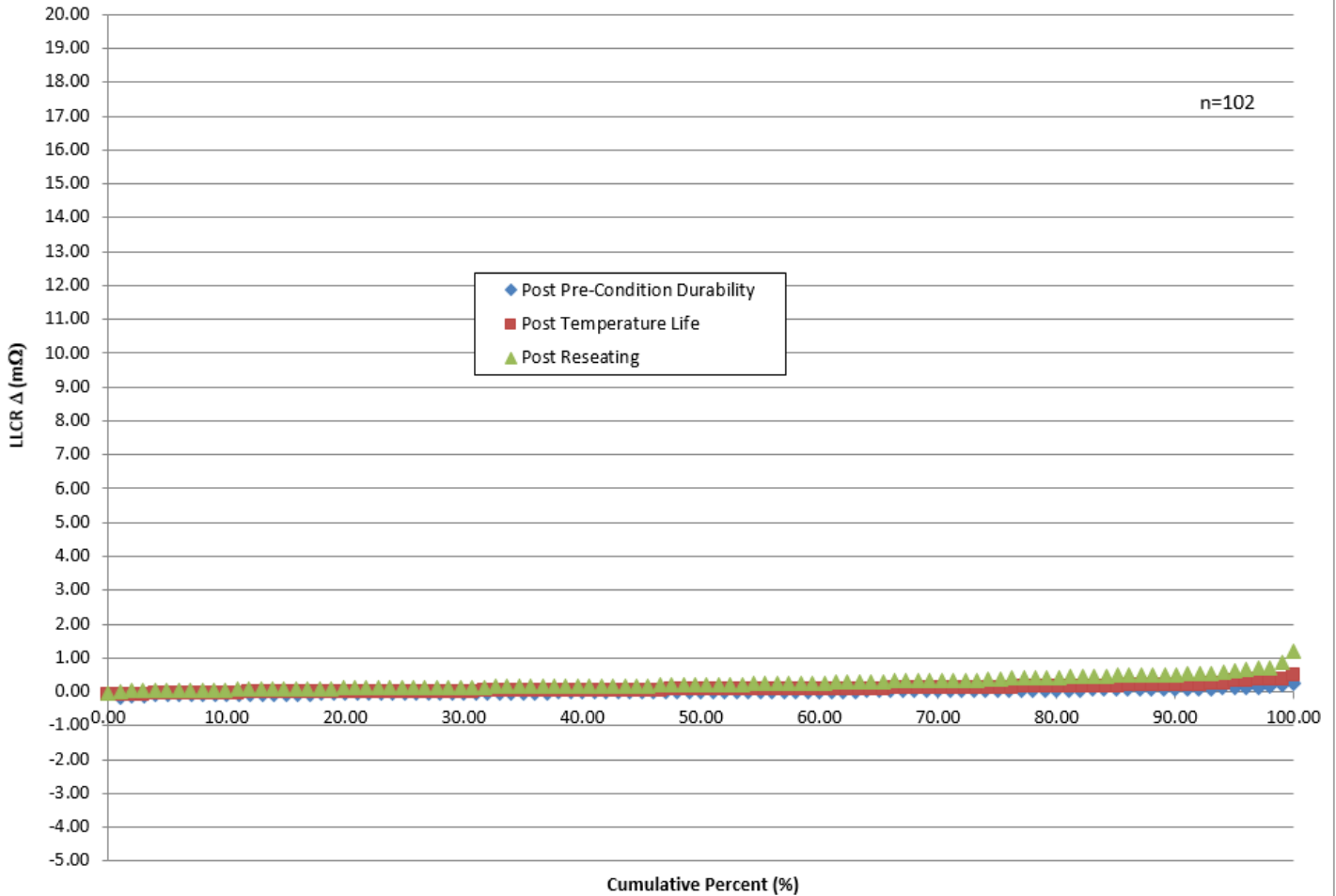
REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>8 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>	CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>





# TEST SUMMARY

## Group 1 - Receptacle TPA2 mated to R/A Header - PHOS BRONZE

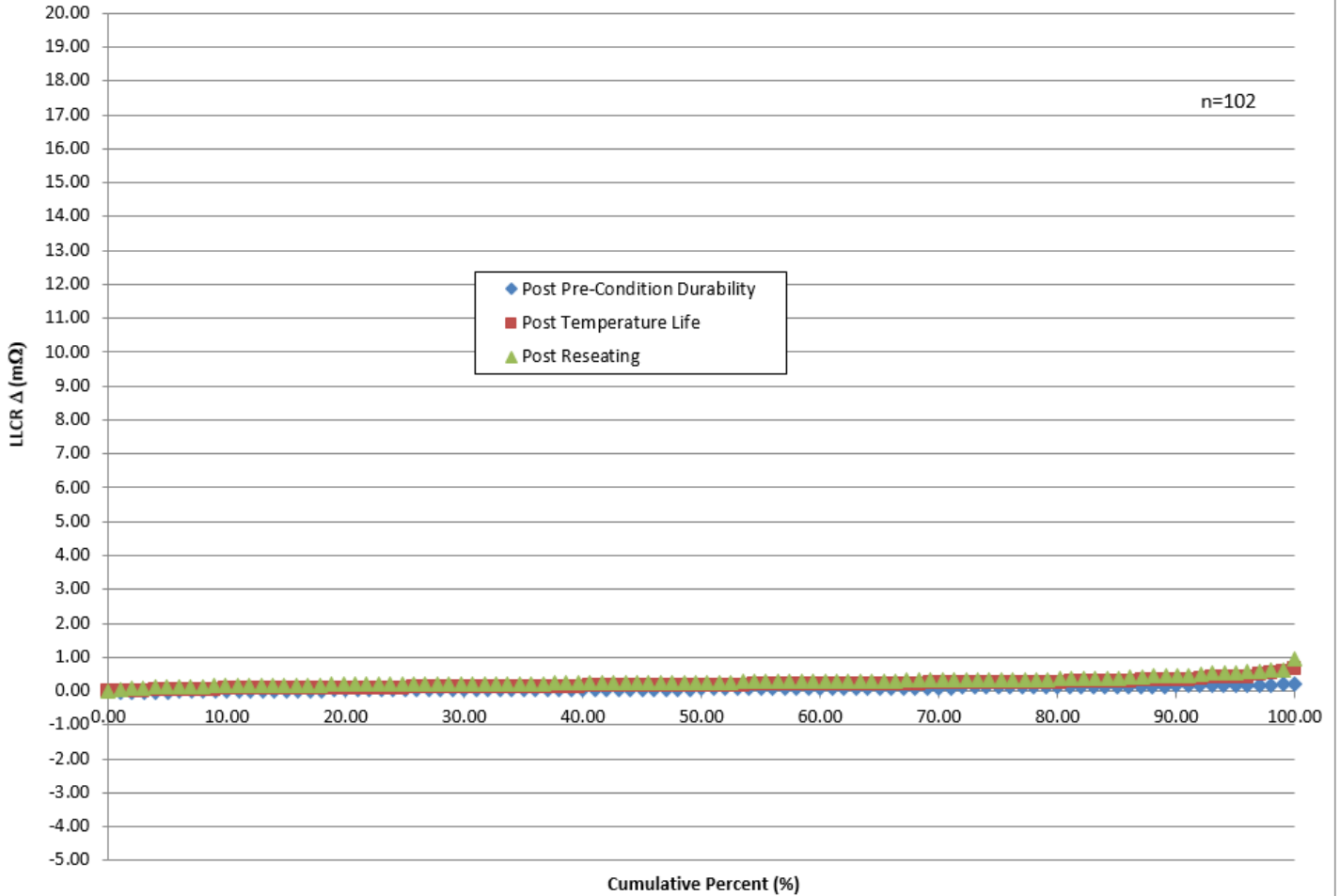


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>9 of 26</b>
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# TEST SUMMARY

## Group 1 - Receptacle TPA2 mated to Vertical Header - BRASS

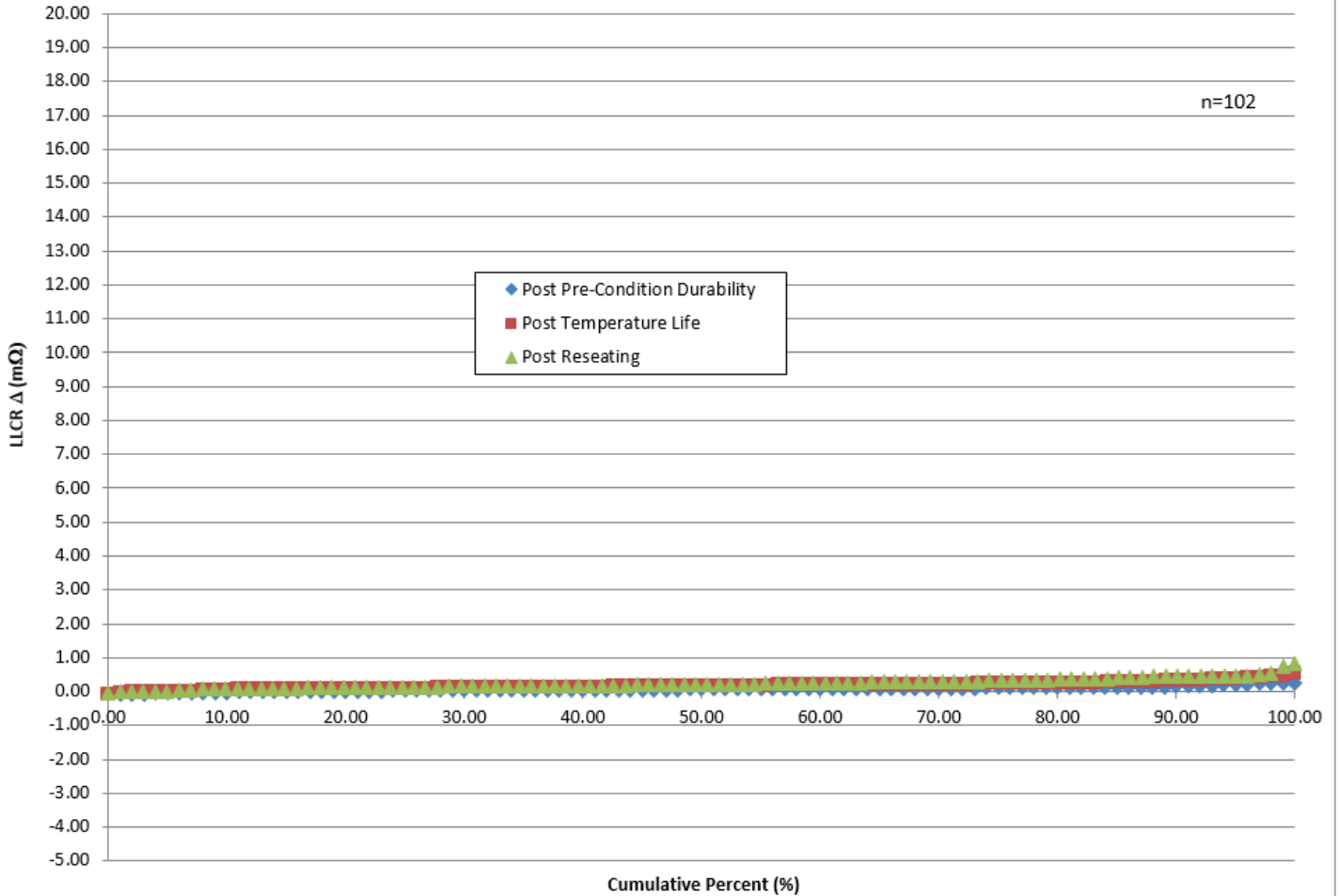


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>10 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>	CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## Group 1 - Receptacle TPA2 mated to Vertical Header - PHOS BRONZE



REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>11 of 26</b>
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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)

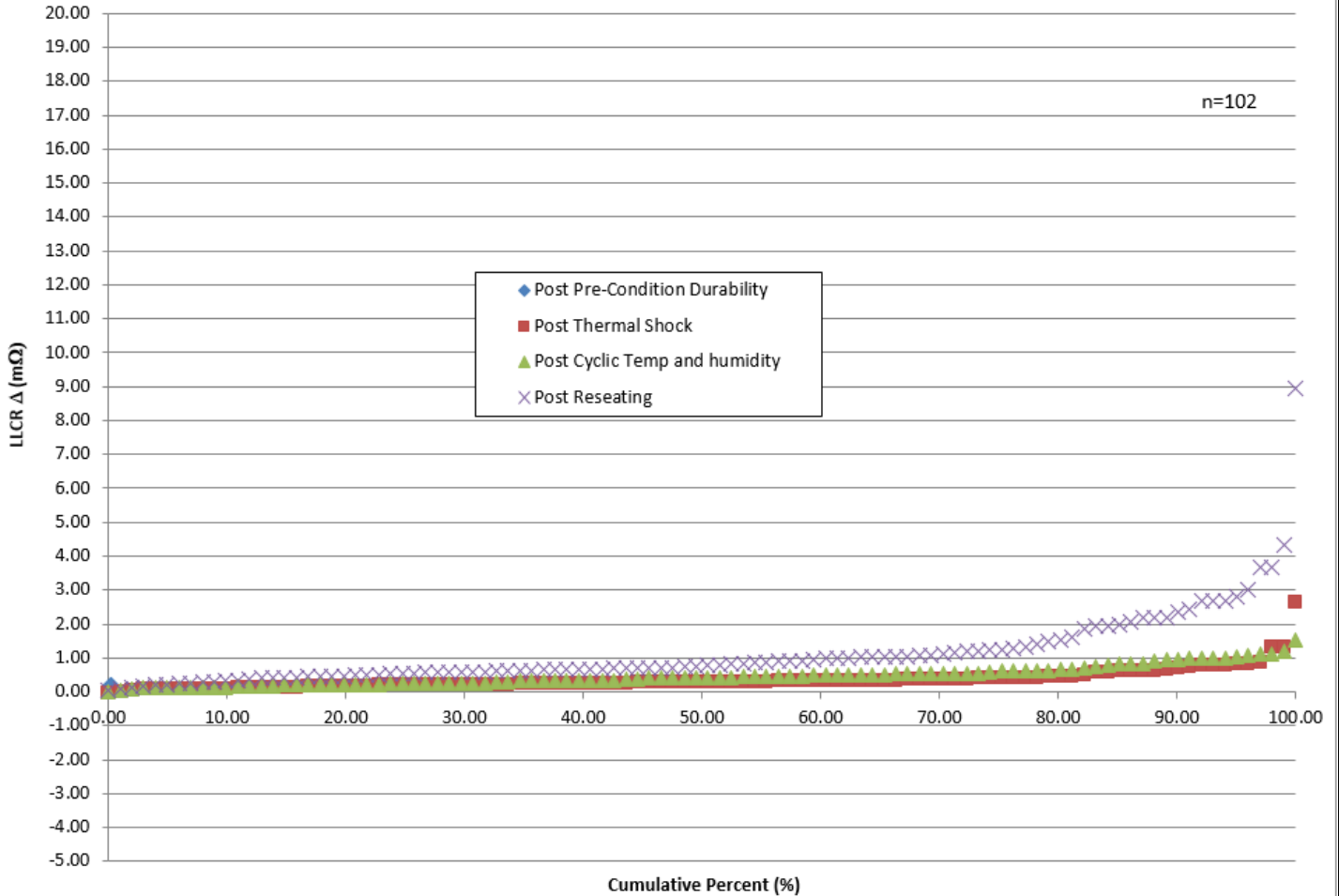
ITEM	DESCRIPTION	RIGHT ANGLE – BRASS				
		TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
GROUP 2	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.52 mΩ	2.12 mΩ	2.97 mΩ
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.05 mΩ	-0.13 mΩ	0.13 mΩ
		After Thermal Shock	20 mΩ Δ MAX	0.36 mΩ	-0.05 mΩ	2.26 mΩ
		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

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# TEST SUMMARY

## Group 2 - Receptacle TPA2 mated to R/A Header - BRASS

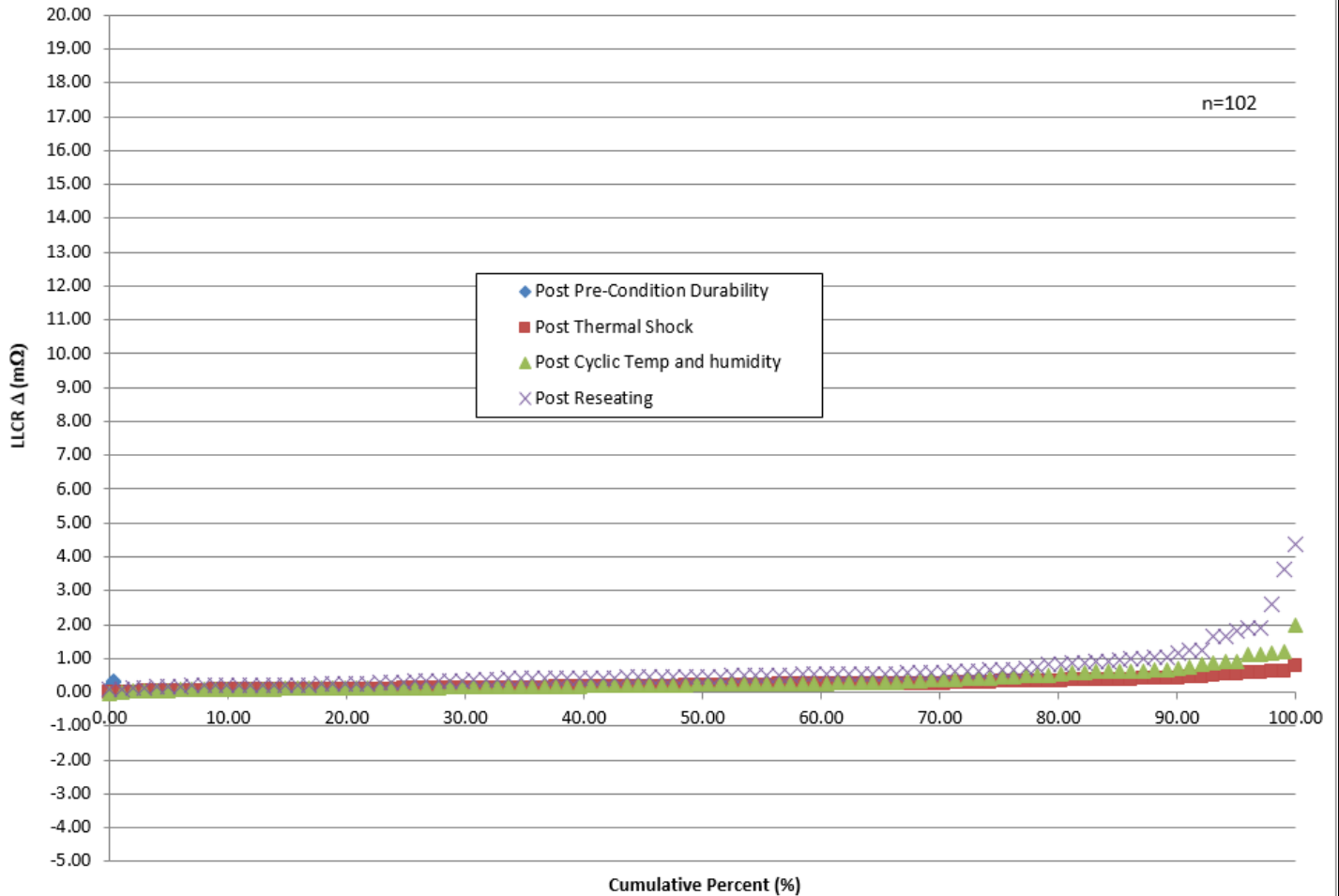


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# TEST SUMMARY

## Group 2 - Receptacle TPA2 mated to R/A Header - PHOS BRONZE

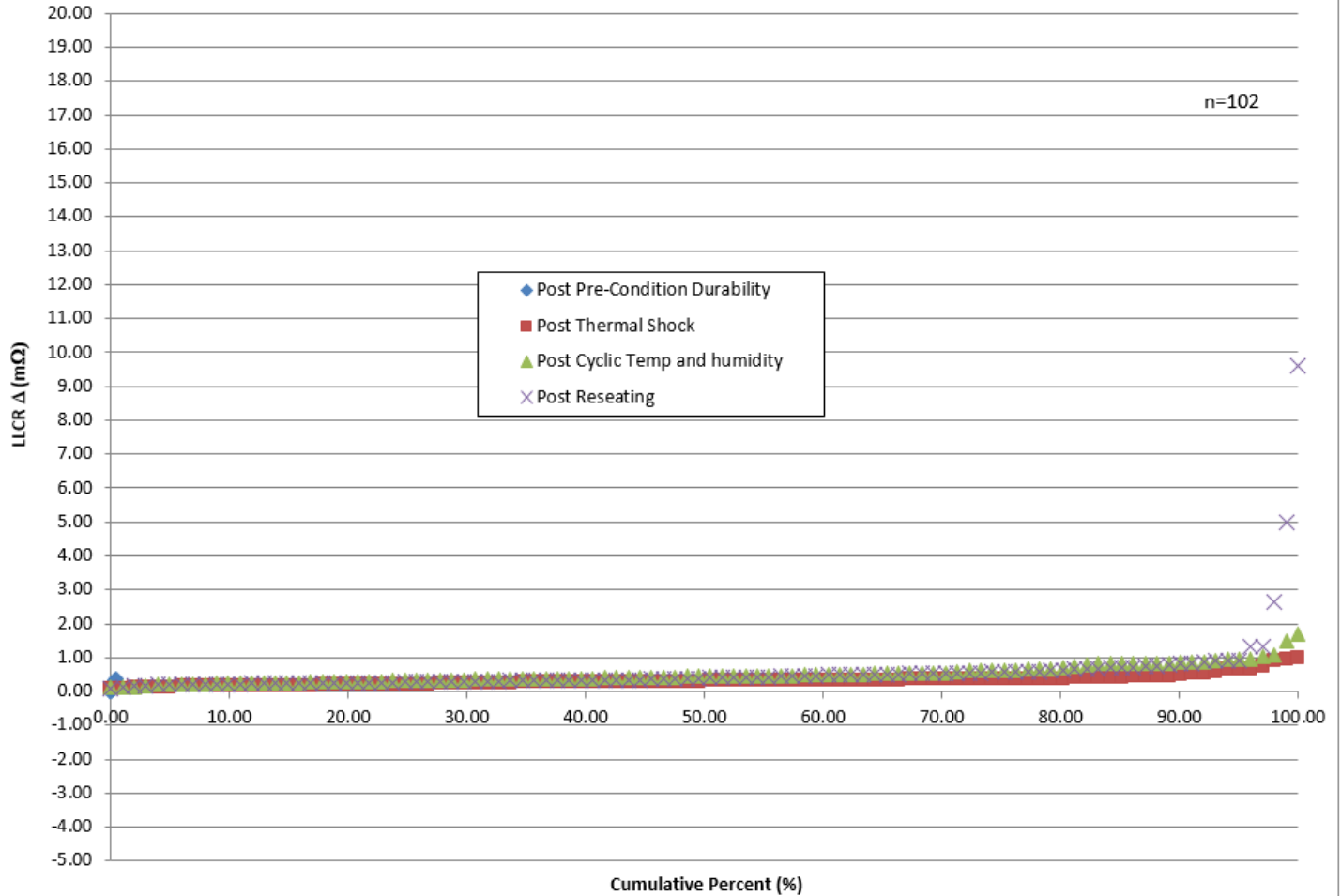


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>14 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## Group 2 - Receptacle TPA2 mated to Vertical Header - BRASS

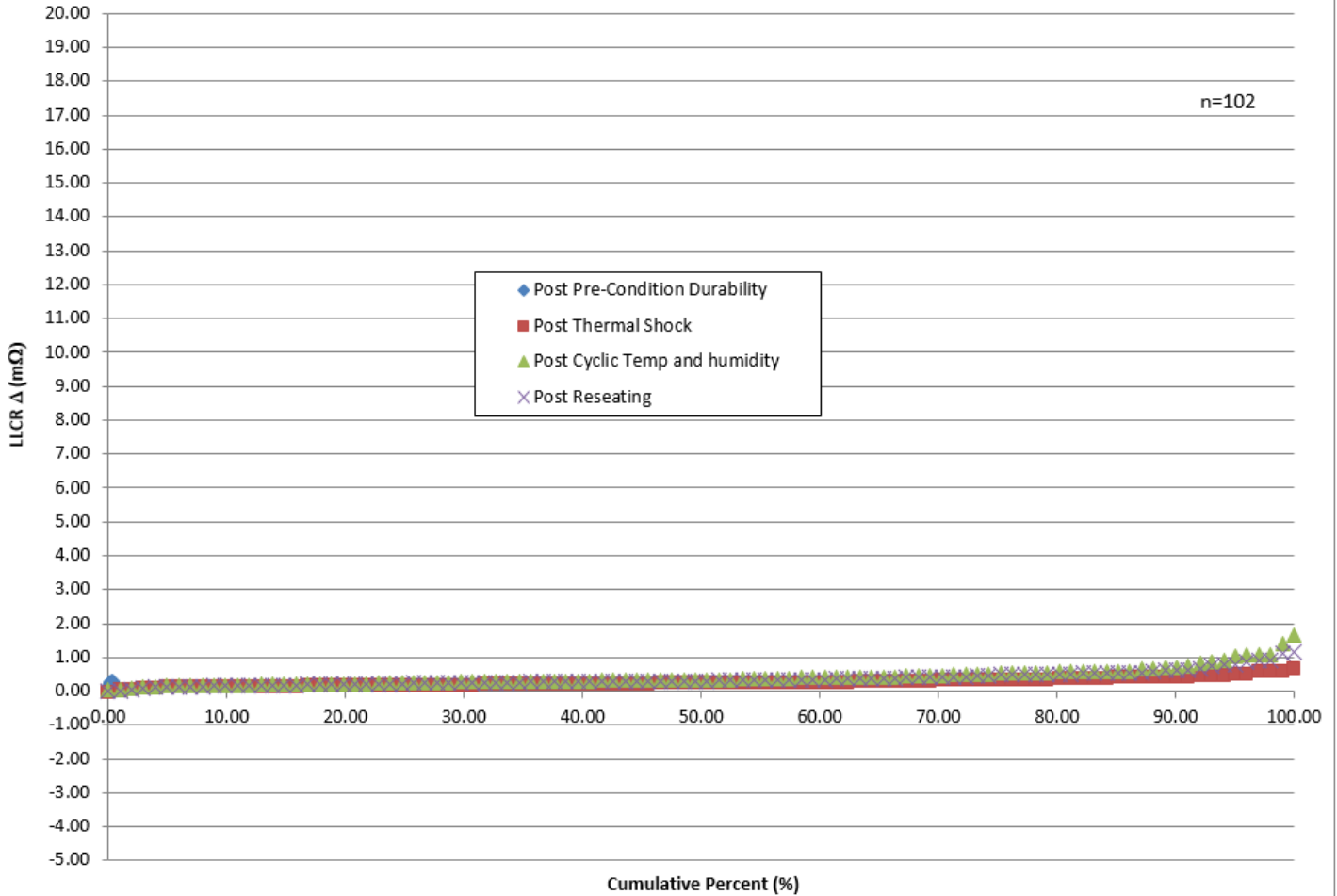


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>15 of 26</b>
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# TEST SUMMARY

## Group 2 - Receptacle TPA2 mated to Vertical Header - PHOS BRONZE



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DOCUMENT NUMBER: <b>1727180001-TS</b>	CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>





# TEST SUMMARY

## 6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS (cont.)

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

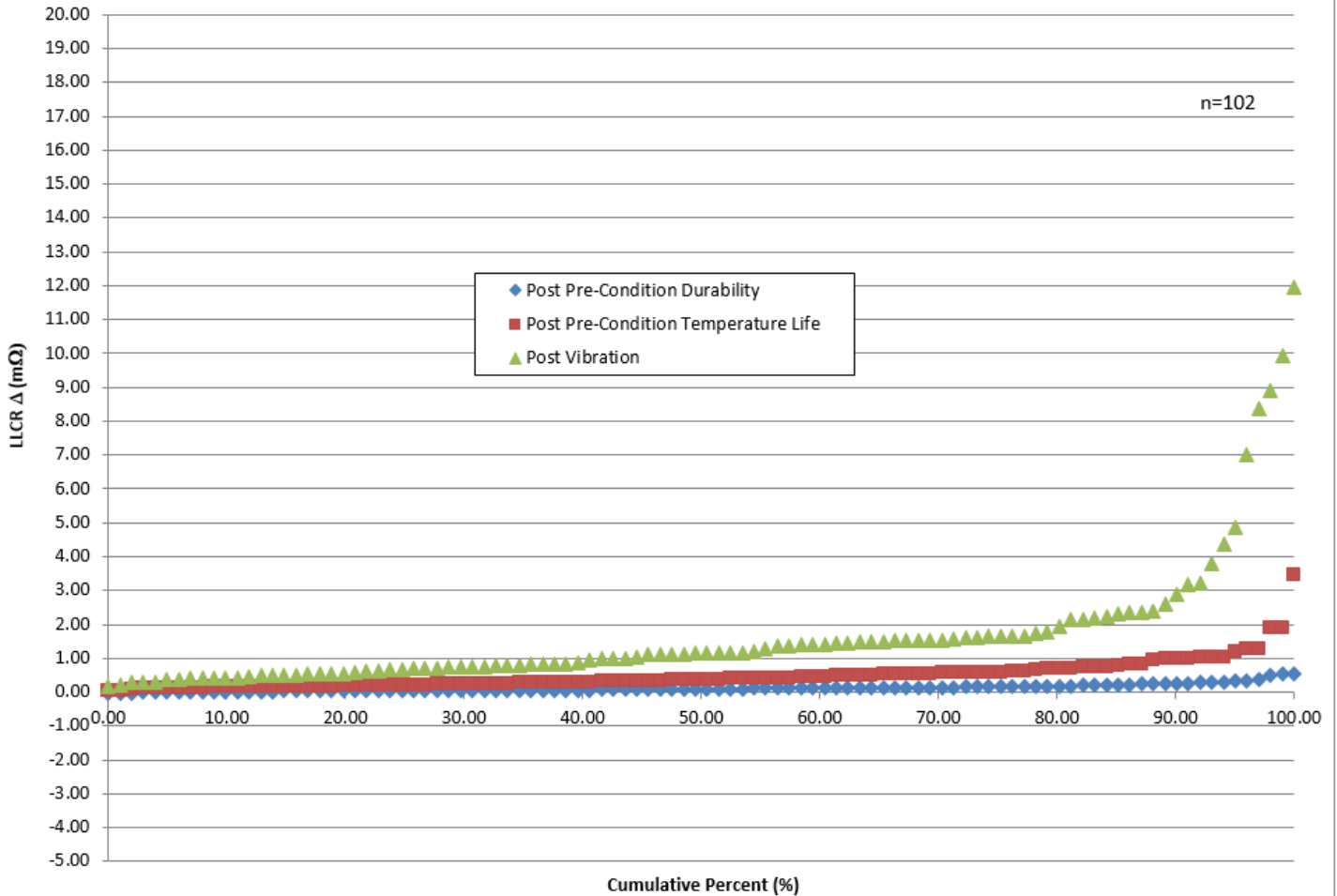
		RIGHT ANGLE – BRASS					
ITEM	DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM	
<b>G R O U P  3</b>	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.48 mΩ	2.12 mΩ	2.92 mΩ	
		After Durability (pre-conditioning)	20 mΩ Δ MAX	0.12 mΩ	-0.06 mΩ	0.55 mΩ	
		After Temp Life (pre-conditioning)	20 mΩ Δ 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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		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## Group 3 - Receptacle TPA2 mated to R/A Header - BRASS

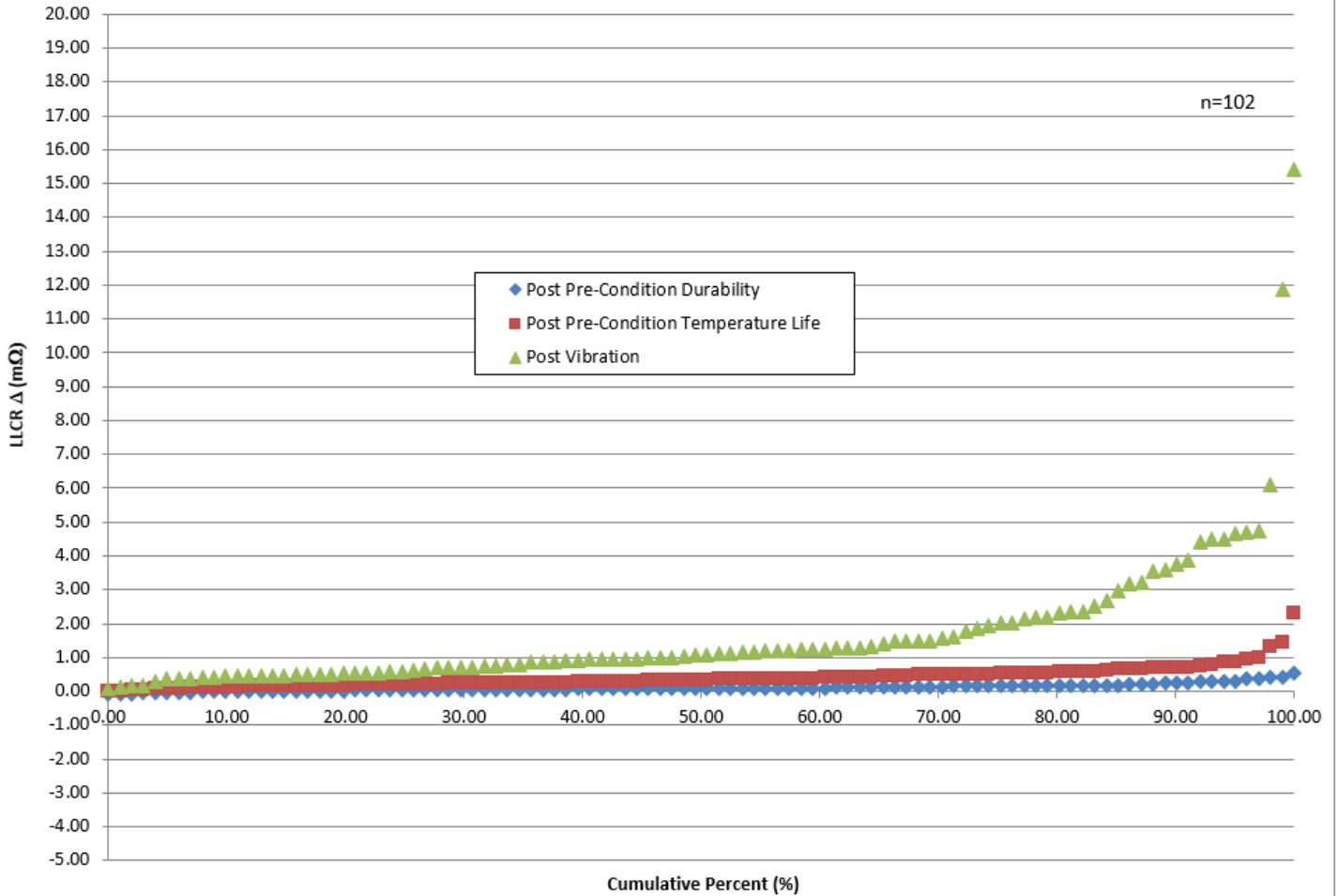


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>18 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>	CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## Group 3 - Receptacle TPA2 mated to R/A Header - PHOS BRONZE

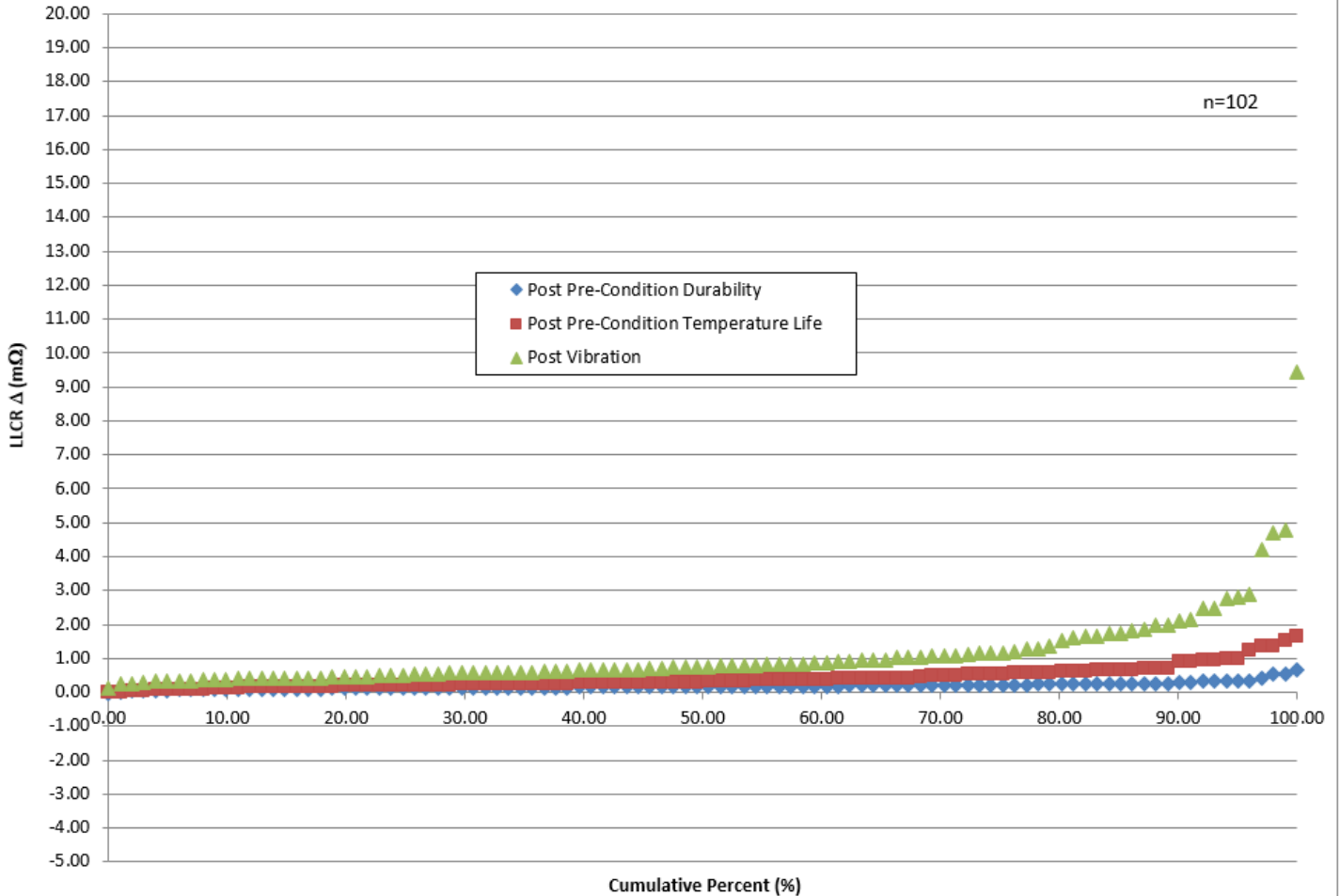


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>19 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## Group 3 - Receptacle TPA2 mated to Vertical Header - BRASS

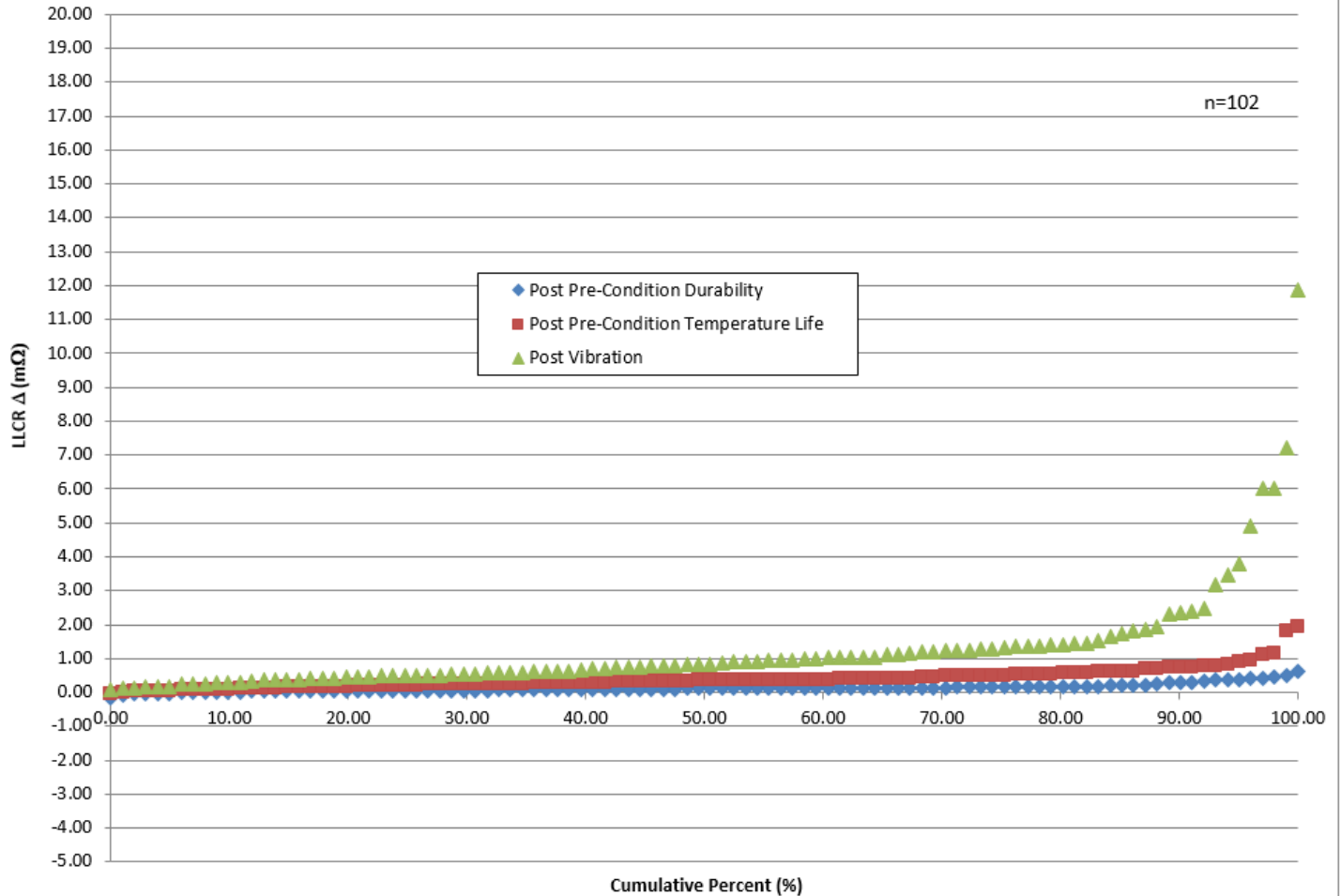


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>20 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## Group 3 - Receptacle TPA2 mated to Vertical Header - PHOS BRONZE



REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>21 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## 6.0 ELECTRICAL / ENVIRONMENTAL PERFORMANCE RESULTS (cont.)

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

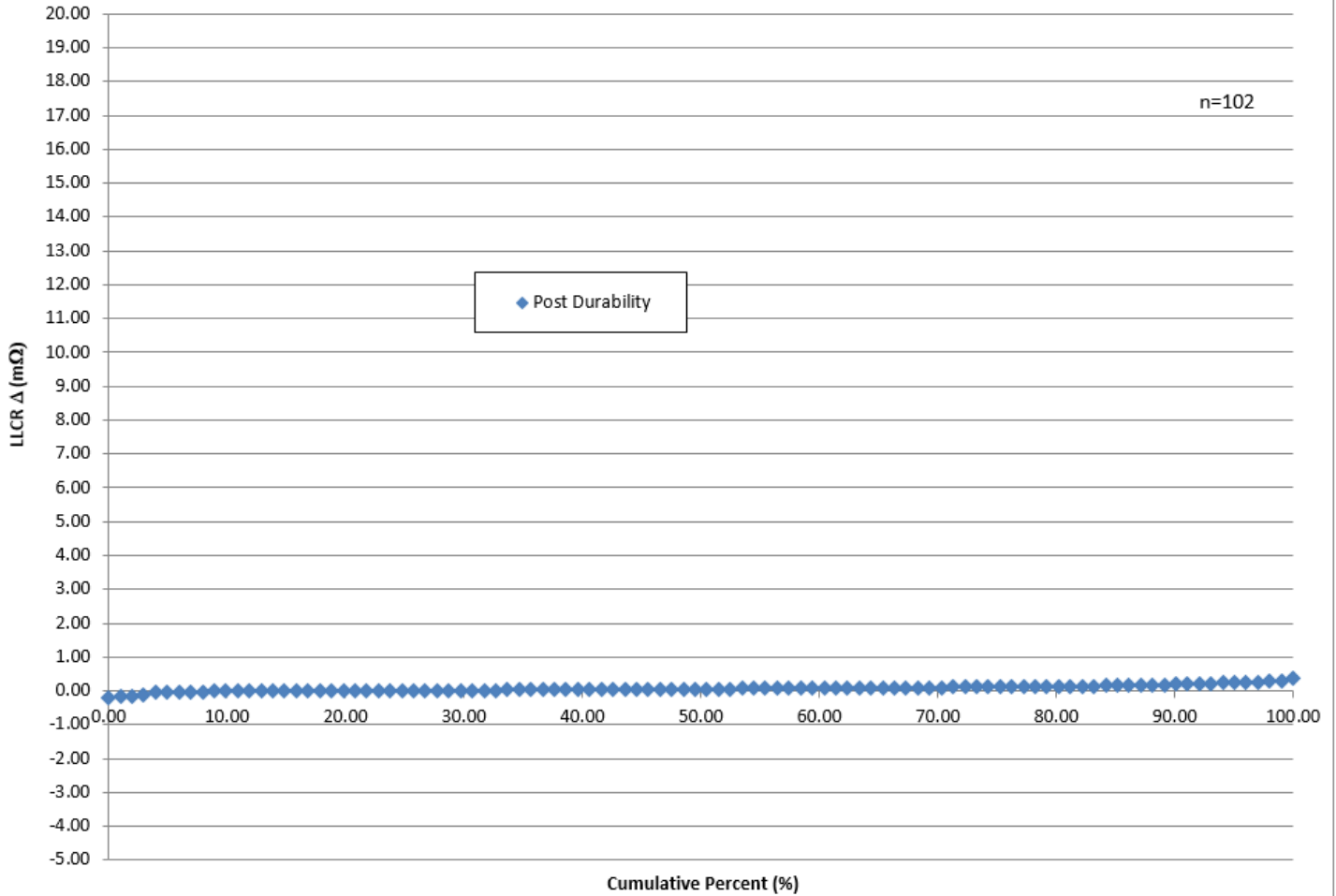
		RIGHT ANGLE – BRASS				
ITEM	DESCRIPTION	TREATMENT	REQUIREMENT	MEAN	MINIMUM	MAXIMUM
<b>GROUP 7</b>	Contact Resistance (Low Level)	Initial	10 mΩ MAX	2.51 mΩ	2.13 mΩ	3.23 mΩ
		After Durability	20 mΩ Δ MAX	0.07 mΩ	-0.20 mΩ	0.38 mΩ
		RIGHT ANGLE – PHOS BRONZE				
		Initial	10 mΩ MAX	2.69 mΩ	2.24 mΩ	3.08 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 <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>22 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## Group 7 - Receptacle TPA2 mated to R/A Header - BRASS

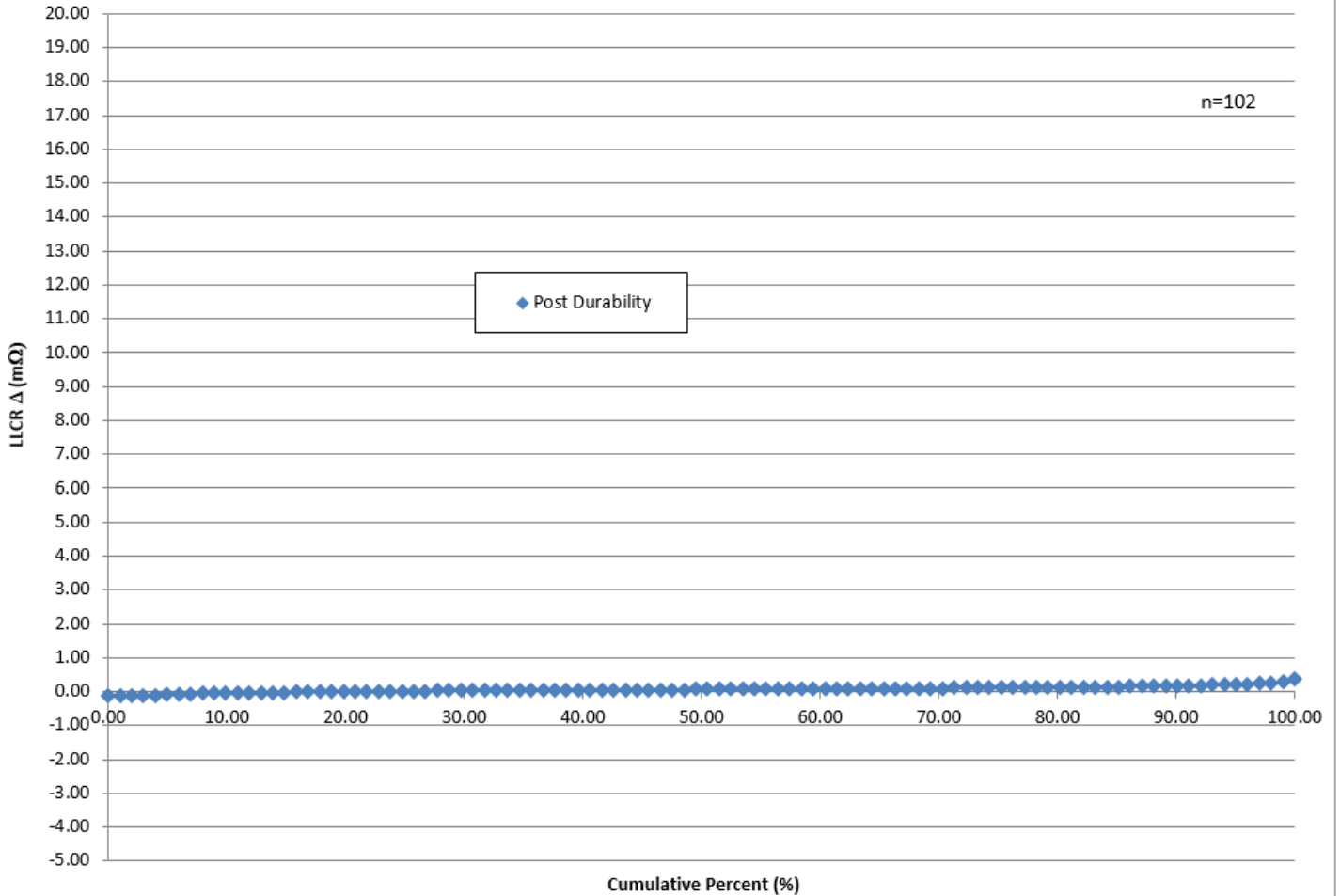


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>		SHEET No. <b>23 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>	APPROVED BY: <b>RHODGE</b>



# TEST SUMMARY

## Group 7 - Receptacle TPA2 mated to R/A Header - PHOS BRONZE



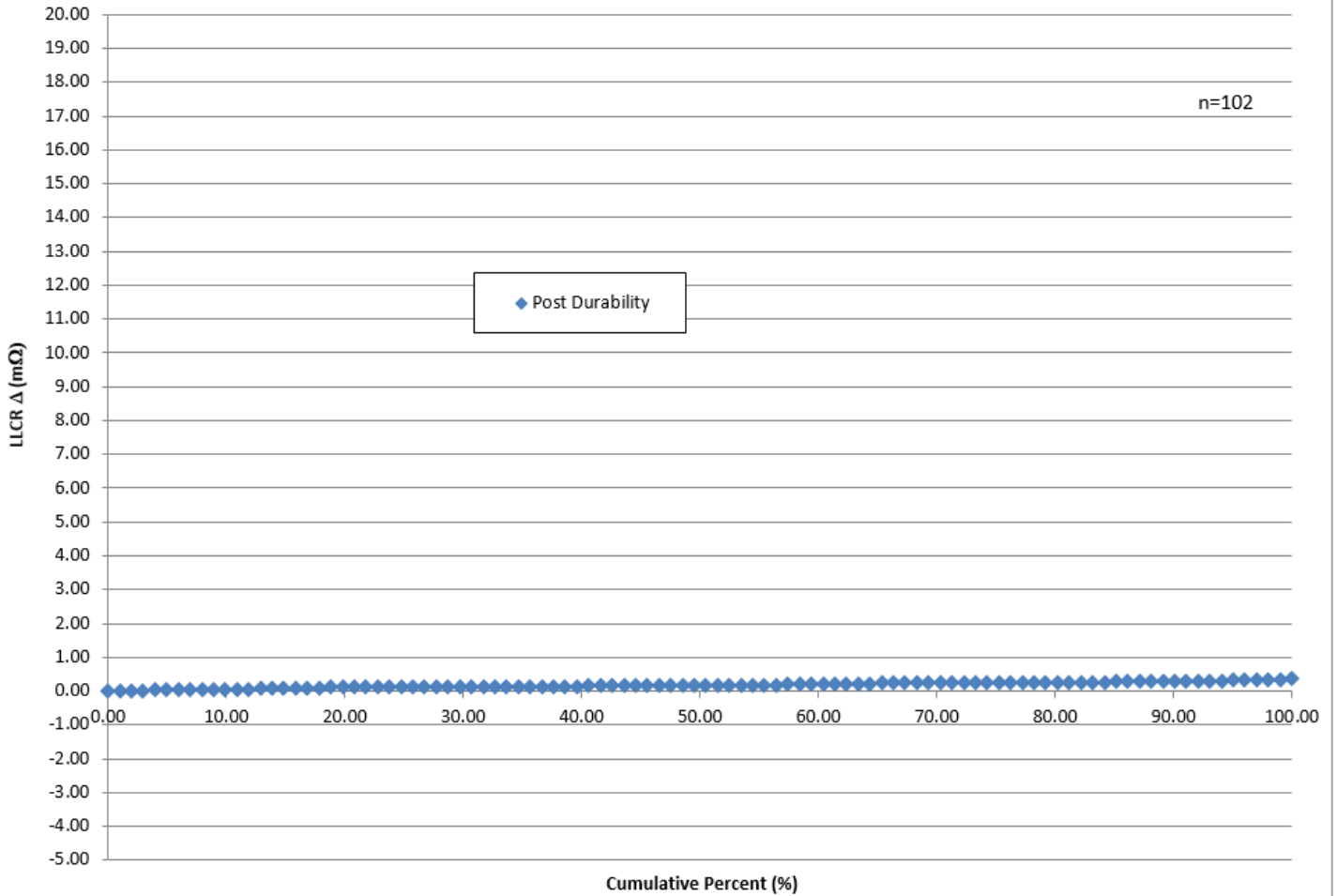
REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>24 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	





# TEST SUMMARY

## Group 7 - Receptacle TPA2 mated to Vertical Header - BRASS

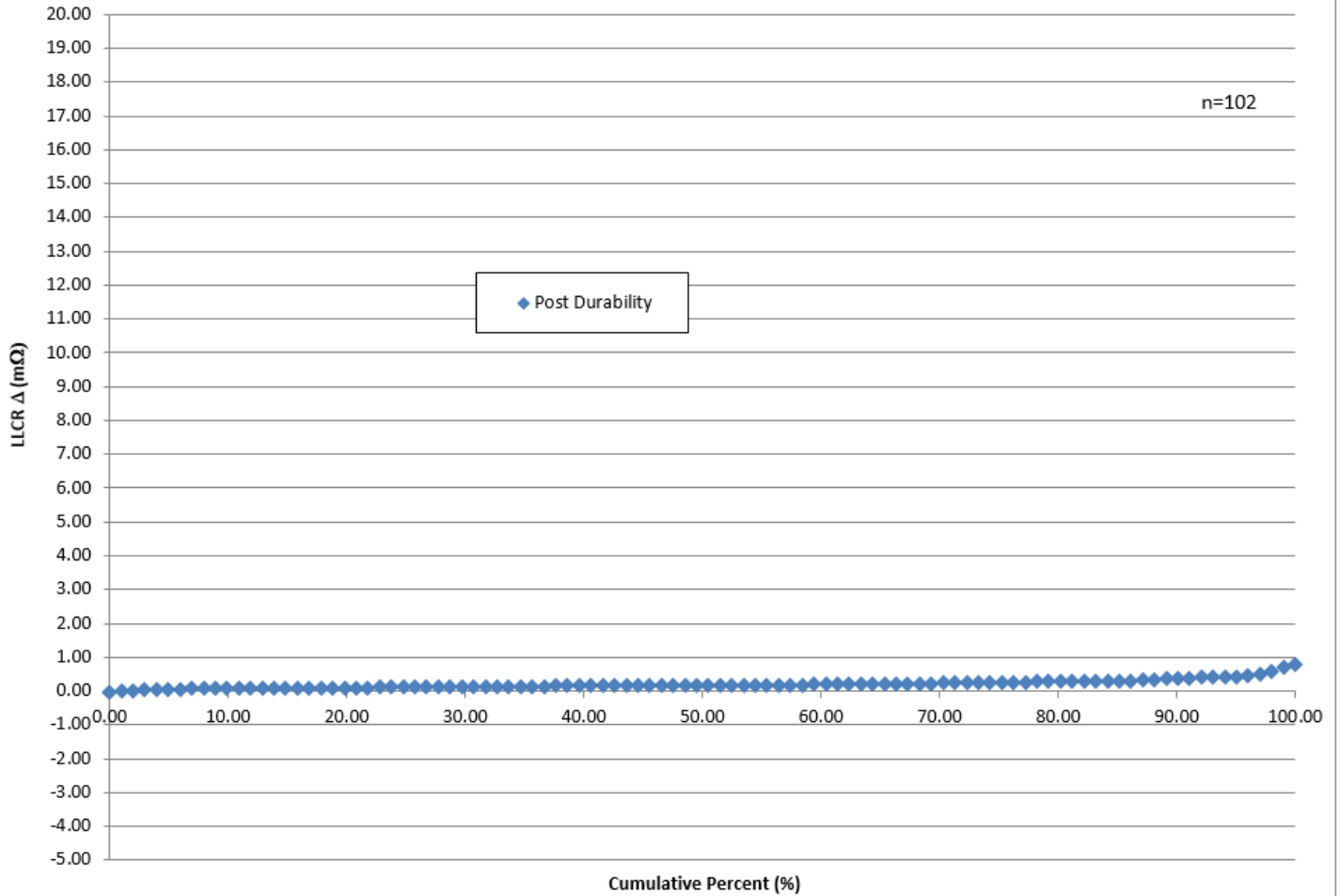


REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>25 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	



# TEST SUMMARY

## Group 7 - Receptacle TPA2 mated to Vertical Header - PHOS BRONZE



REVISION <b>A4</b>	ECR/ECN INFORMATION EC No: DATE: 2017 / 07 / 12	TITLE <b>TEST SUMMARY FOR MINI-FIT TPA2 WIRE TO BOARD CONTACT INTERFACE RELIABILITY</b>	SHEET No. <b>26 of 26</b>
DOCUMENT NUMBER: <b>1727180001-TS</b>		CREATED / REVISED BY: <b>TGREGORI</b>	CHECKED BY: <b>TGREGORI</b>
		APPROVED BY: <b>RHODGE</b>	