

## PCN – Process Change Notification

Change:	Remove protection cap from IPEX MHF1 & MHF2 connectors
Date:	2018/05/22
Author	Haley

### Affected Products

Model#	Part Number	Changes
All model numbers - implementing cap on microcoaxial connector IPEX MHF1 & MHF2	All related part numbers	Stop using plastic cap on the connector that was additionally added in process of packaging

### Type of Change

- Hardware Modification  
 Production Process Advance  
 Others –Modify packaging

### Description of Change

Taoglas would like to implement modification of packaging by removing micro-coaxial connector plastic cap that was added to previous production on top of document defined packaging. Such only applies for IPEX MHF1 & MHF2 connectors.

#### Reason of change:

- Reduce environmental footprint of Taoglas production, eliminate excess plastic parts
- Simplify material control flow and parts management (these parts were not included in product BOM and were manually handled)
- Reduce excess costs, connector cap was not included in the product BOM and therefore excess costs were created from applying this part in production

#### Effect of change:

- After evaluation, removing of the connector cap does not affect product protection, reliability or would not create extra risk of parts being damaged during shipment and standard handling. Regular warranty applies based on Taoglas Terms & Conditions of Sale.

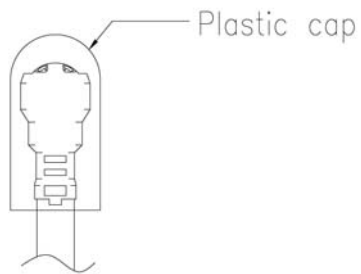
### Schedule

2018, June

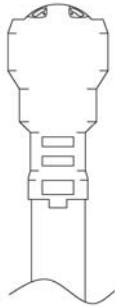
### Forecast Estimated Transition Date

2018/June

**Illustration of Change  
Package before change**



**Package after change**



**Drawing---No need to change  
Packing drop test passed--- According to CAB.6047 Drop test**

# TEST REPORT

Taoglas Taiwan Reliability Test Lab



**Product Category:** Cable  
**Product Series Name:** CAB Series  
**Product Model Part No.:** CAB.6047  
**Quantity Tested:** 18 pieces  
**Date of Testing:** 06/06 , 2018  
**Test Required:** Drop TEST  
**Batch No:** T0509C0010  
**Product picture:**



Test by: *Steven Tsai*

# TEST REPORT

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## Drop TEST

### 1. Test Equipment

Name	Brand	Model	Serial No.	Calibration Date

### 2. Lab Environmental Conditions:

Ambient temperature: 25±3°C

Relative humidity: 65±20%RH

### 3. Test Method/ Specification

Sample condition:	Packed
Drop Height:	100 cm
Test times	Total :10 times
Test surface:	Ground
Test Standard:	IEC 60068-2-32

Inspection items:

- Visual inspection before and after test

Test Set-up:

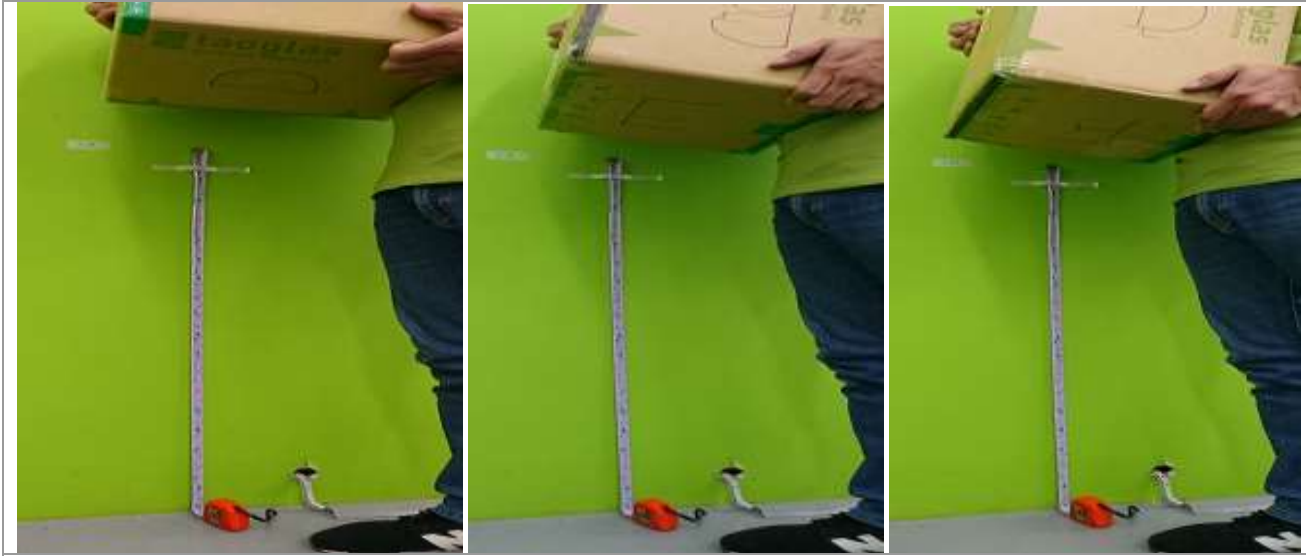
Drop test

#### 6 Faces

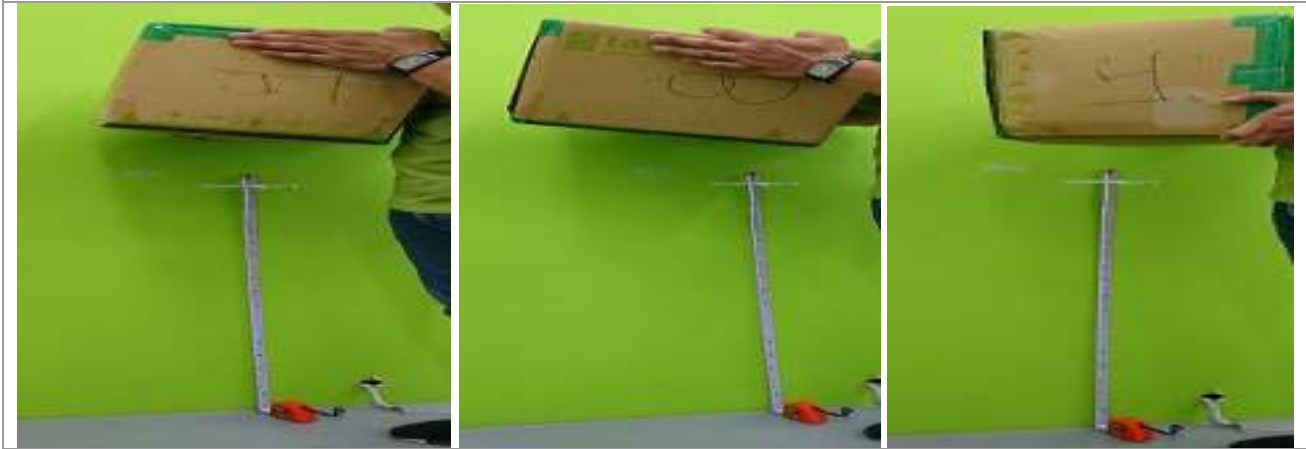


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**3EDGE**



**1 POINT**



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## 4. Test Results







### 4.1. Visual Inspection

Item No./Part No.	Visual Inspection Result	PASS/FAIL
Sample A01	No visible damage or cable scratch	PASS
Sample A02	No visible damage or cable scratch	PASS
Sample A03	No visible damage or cable scratch	PASS
Sample A04	No visible damage or cable scratch	PASS
Sample A05	No visible damage or cable scratch	PASS
Sample A06	No visible damage or cable scratch	PASS
Sample B01	No visible damage or cable scratch	PASS
Sample B02	No visible damage or cable scratch	PASS
Sample B03	No visible damage or cable scratch	PASS
Sample B04	No visible damage or cable scratch	PASS
Sample B05	No visible damage or cable scratch	PASS
Sample B06	No visible damage or cable scratch	PASS
Sample C01	No visible damage or cable scratch	PASS
Sample C02	No visible damage or cable scratch	PASS
Sample C03	No visible damage or cable scratch	PASS
Sample C04	No visible damage or cable scratch	PASS
Sample C05	No visible damage or cable scratch	PASS
Sample C06	No visible damage or cable scratch	PASS

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## 4.2. Test pictures:

Before Test	After Test
<b>SAMPLE A01</b>	
	
<b>SAMPLE A02</b>	
	
<b>SAMPLE A03</b>	
	

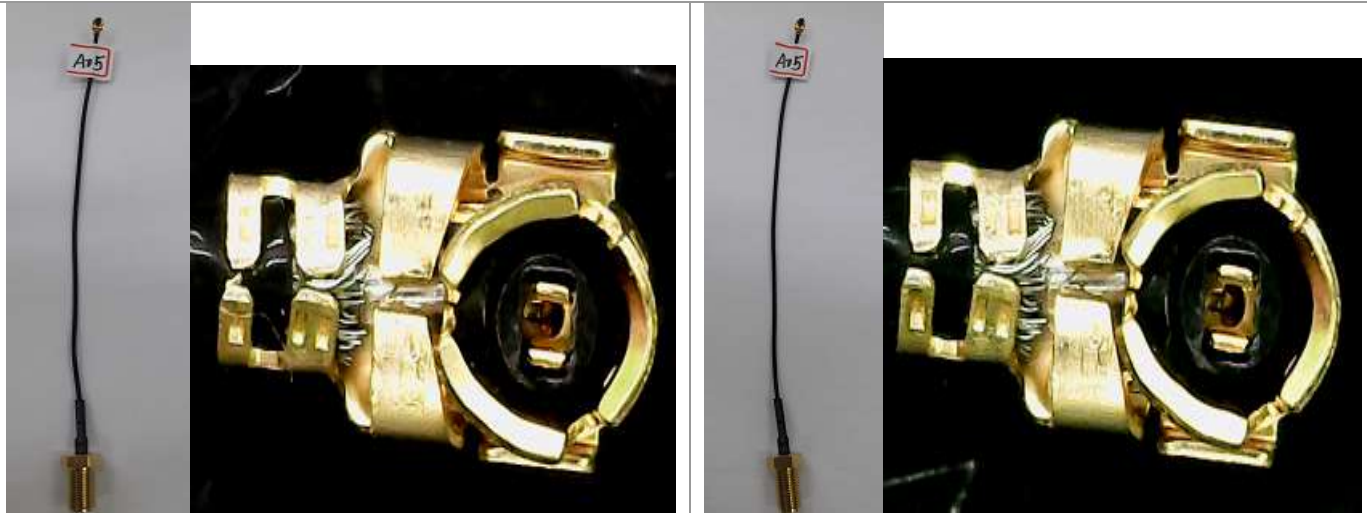
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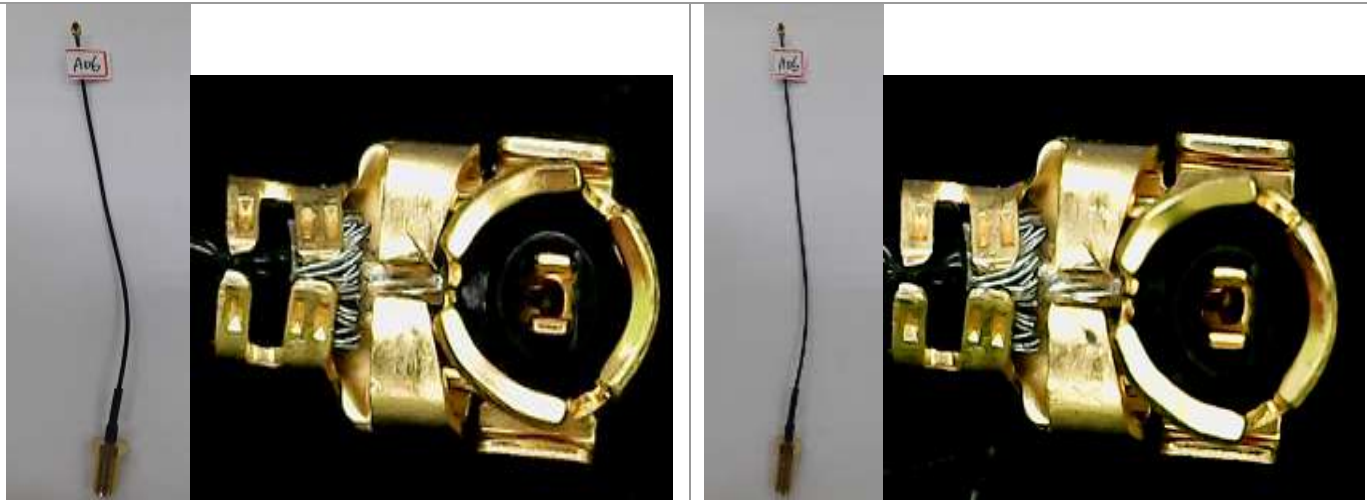
**SAMPLE A04**



**SAMPLE A05**



**SAMPLE A06**





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**SAMPLE B01**



**SAMPLE B02**



**SAMPLE B03**



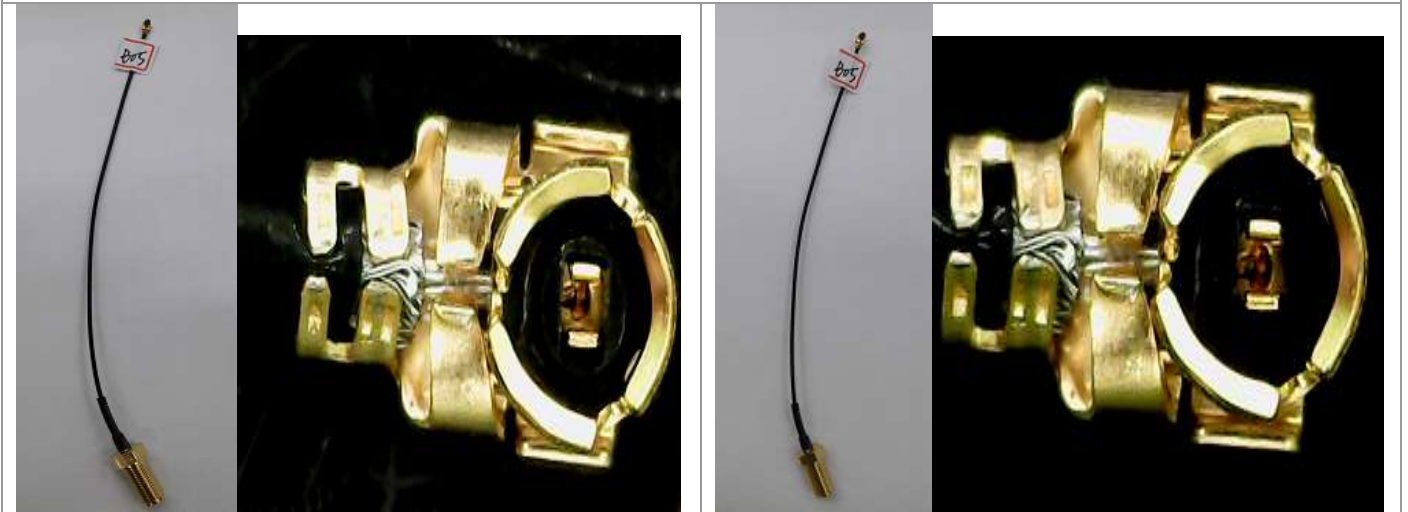
**SAMPLE B04**

# TEST REPORT

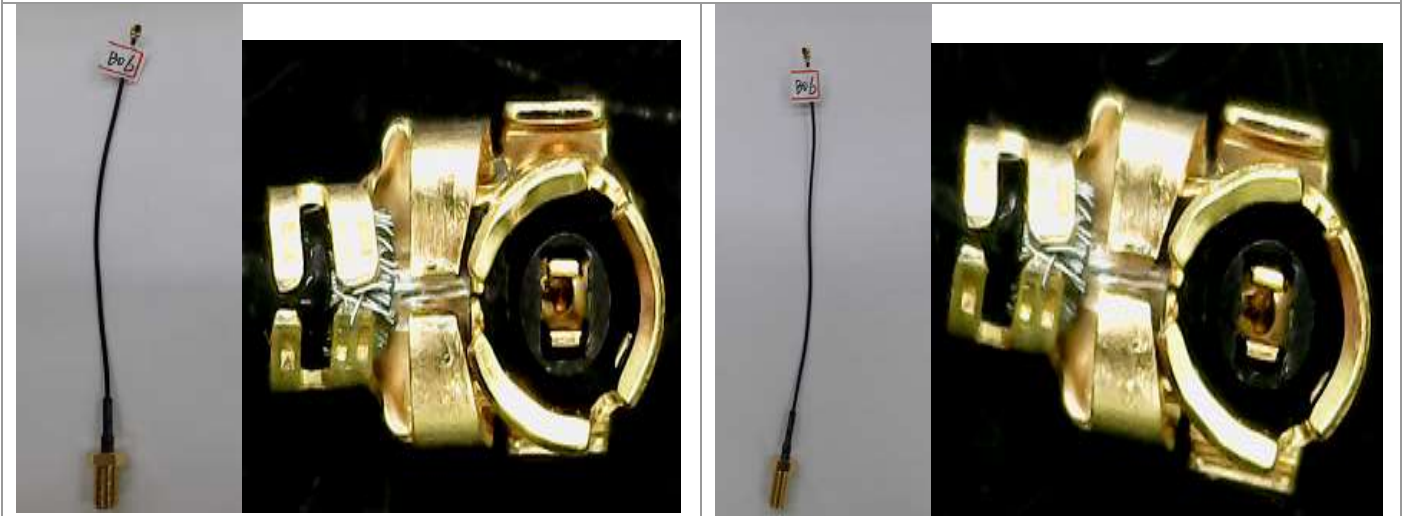
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SAMPLE B05



SAMPLE B06



# TEST REPORT

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**SAMPLE C01**



**SAMPLE C02**



**SAMPLE C03**



# TEST REPORT

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**SAMPLE C04**



**SAMPLE C05**



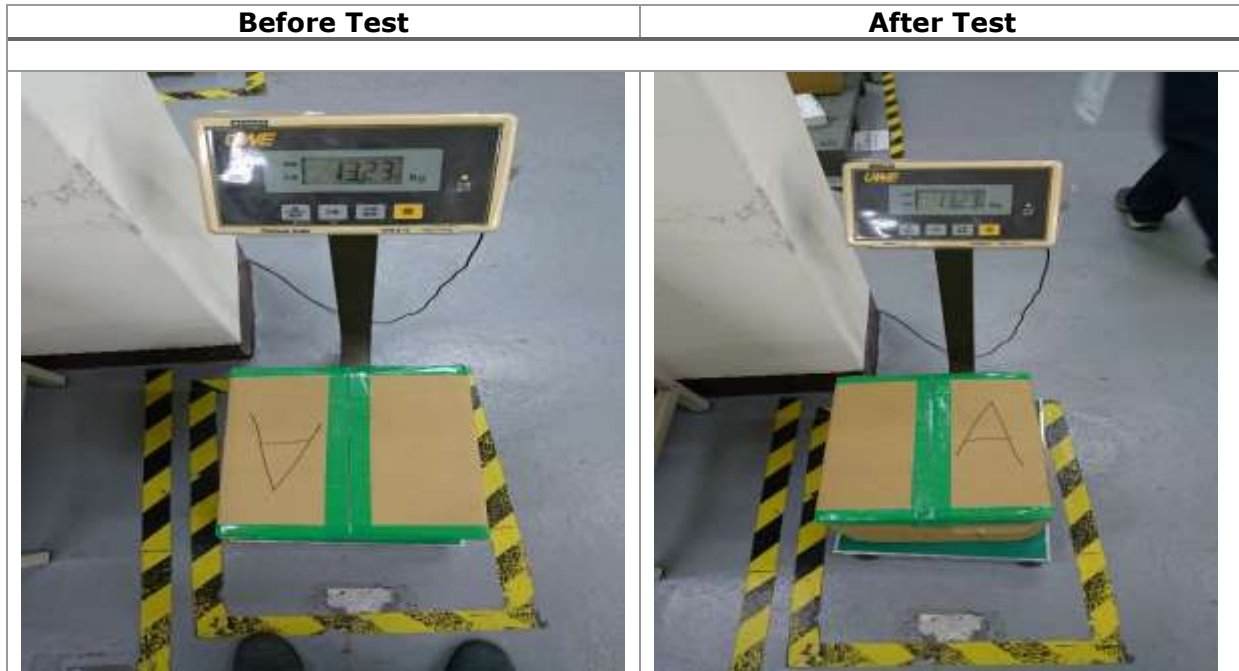
**SAMPLE C06**



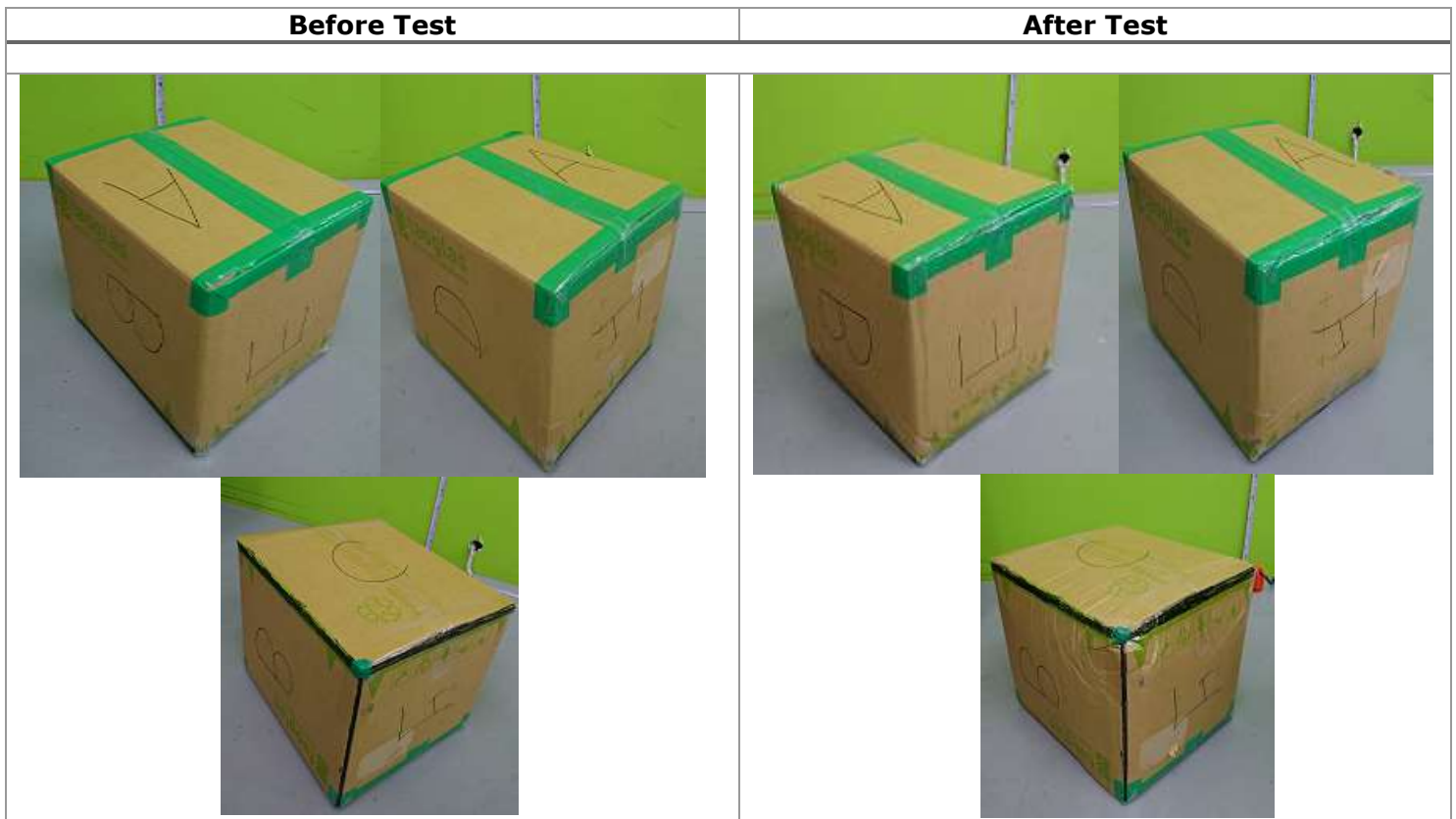
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## 4.3. Weight test with carton:



## 4.4 Carton appearance



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## 4.5. Sample inside carton photo:



## 5. Conclusion

5.1 The Drop test result for CAB.6047 shows PASS

### **CAB.6047 Ipex connector without cap Passed drop test**

Visual inspection: PASS

5.2 Test method: IEC 60068-2-32

Ambient temperature:  $25 \pm 3^{\circ}\text{C}$

Drop Height: 100CM

Test times : total 10times

Test surface: Ground