



# Product Change Notification

## TE Connectivity

Product Change Notification: PCN-22-160000

PCN Date: 17-DEC-22

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

**General Product Description:**  
FASTIN FASTON AND POSITIVE LOK HOUSINGS CONNECTORS

**Description of Changes**  
We are changing raw material approved in the GWT for better glow wire performance. Glow wire test, retention force test and dimensional report were all performed and approved.  
**Other attachments:**  
[Marked Copy](#)  
[Marked Copy](#)  
[Marked Copy](#)  
[Marked Copy](#)  
[GWT - Laboratory test](#)

**Reason for Changes:**  
Global standardization for our products!

<b>PCN Attributes:</b>	
<b>Product Category:</b> Connector Housings	<b>Kind of Change:</b> Material
<b>Change Feature:</b> Material Change	<b>Potential Customer Impact:</b> No Customer Impact
<b>Remarks:</b>	

<b>Estimated Dates:</b>	
<b>Last Order Date (Obsolete Parts Only):</b>	<b>First Ship Date of Changed Items (Changed Parts Only):</b> 31-JAN-2023
<b>Last Ship Date of Changed Items (Obsolete Parts Only):</b>	<b>Last Date for Mixed Shipments: (Changed Parts Only):</b> No Mixed Shipments
<b>Effectivity Date:</b>	<b>Date of First Samples:</b>

**Part Number(s) being Modified:**

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
<a href="#">1-2133341-2</a>	NO						
<a href="#">1-626065-2</a>	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">2133341</a>	1-2133341-1		B2	
<a href="#">626065</a>	1-626065-2		M2	

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<a href="#">1-626065-2</a>	NO						

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<a href="#">2133341</a>	1-2133341-1		B2	
<a href="#">626065</a>	1-626065-2		M2	

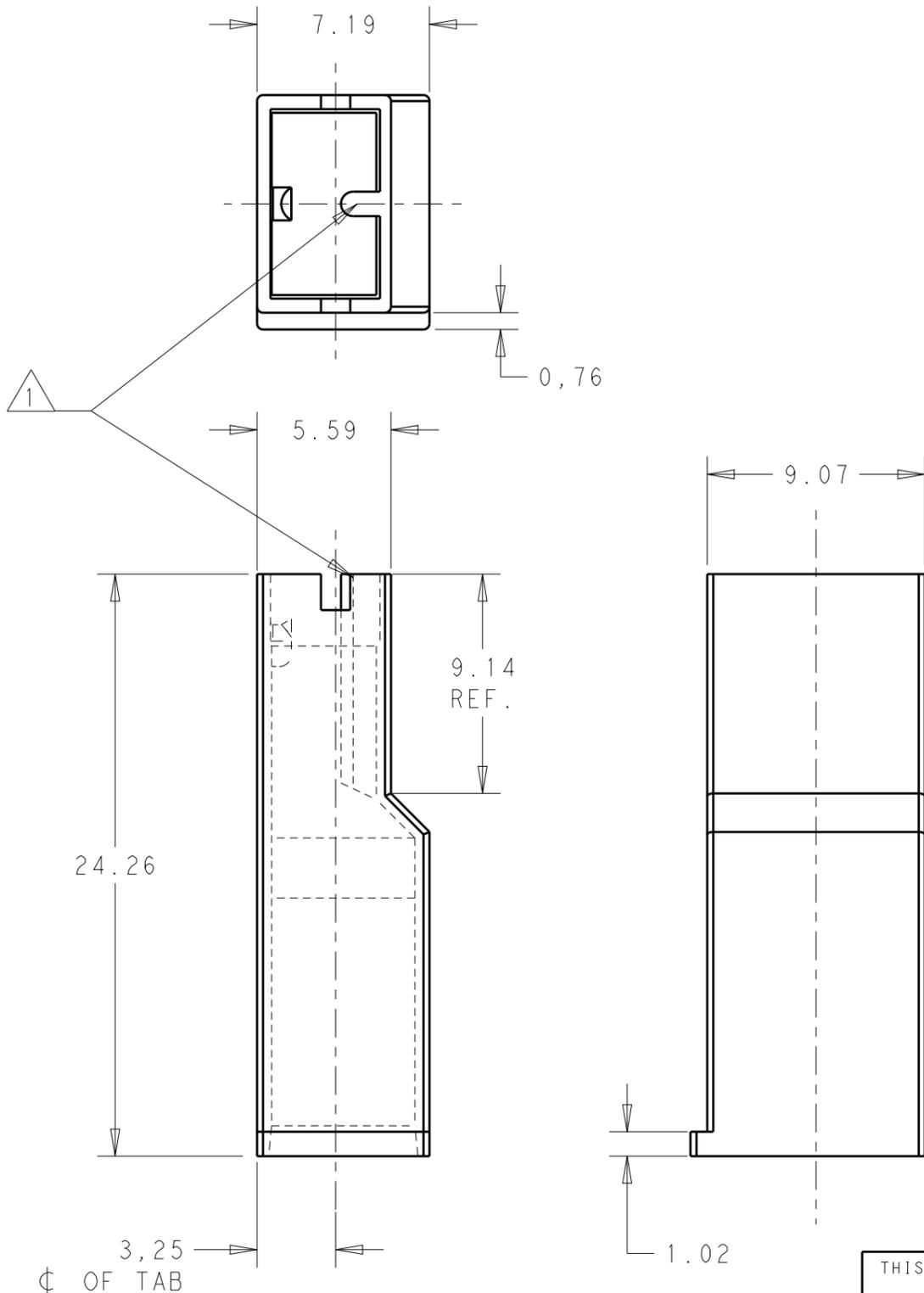
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<a href="#">1-2133341-2</a>	NO						

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AP	-	A	RELEASED	14JUN2011	HC WLS
		B	REV. BY ECO-12-014195	03AUG2012	HC WLS
		B1	REV. BY ECO-15-007760	22MAY2015	HC WLS
		<del>B2</del>	REVISED BY ECO 16-014328	03OCT2016	HC WLS

**C REVISED PER ECN...**



- △1 - RIB MAY EXTEND TO FRONT OF HOUSING.
- △2 - MATERIAL: PA 6.6 ACC. TO SPEC. IEC 60335, GWT ~~850°C~~ **750**, WITHOUT FLAME.
- △3 - HEAT STABILIZED

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AUG 17TH, 2022  
BY Washington Stefani**

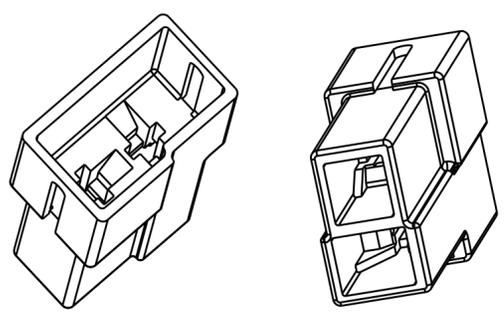
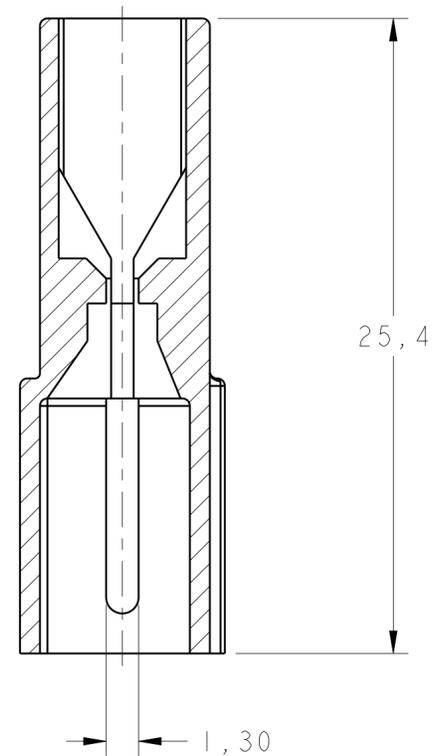
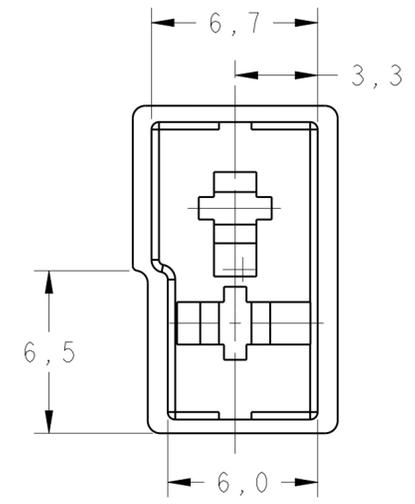
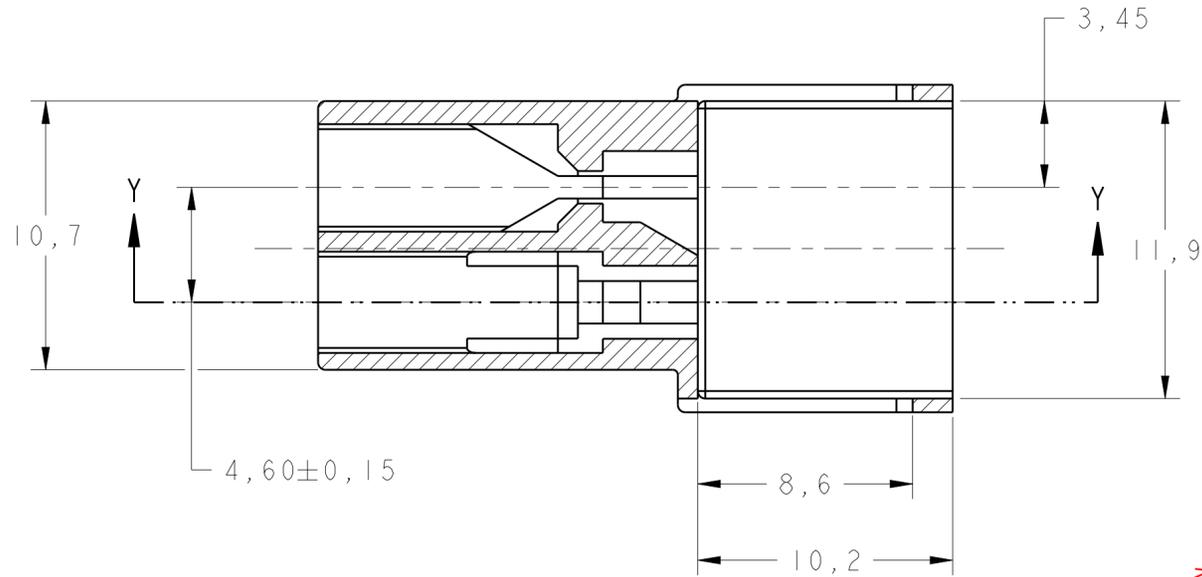
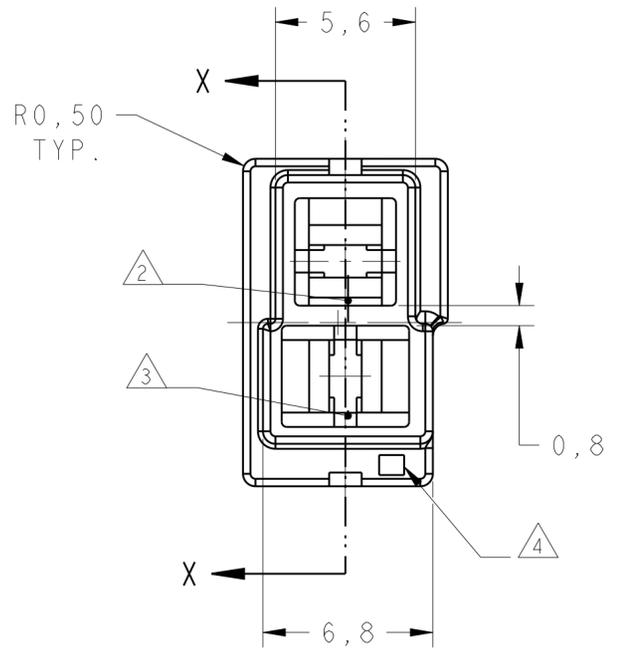
COLOR	MATERIAL	PART NUMBER
BLACK	PA 6.6 - HB △3	1-2133341-3
NATURAL	PA 6.6 - UL94 - V0 - GWT △2	1-2133341-2
NATURAL	PA 6.6 - UL94 - V0	1-2133341-1
BLUE	PA 6.6 - UL94 - V2	2133341-6
GREEN		2133341-5
YELLOW		2133341-4
RED		2133341-3
NATURAL		2133341-2
BLACK		2133341-1
COLOR		MATERIAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H.C. CANTER 25MAY2011	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK W.L. STEFANI 25MAY2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME MKI .250 POSITIVE LOCK RECEPTACLE INSULATOR MKI .250 POSITIVE LOCK	
0 PLC ±-		PRODUCT SPEC 108-3252	SIZE A3	
1 PLC ±0,5		APPLICATION SPEC 114-2153	CAGE CODE 00779	DRAWING NO C-2133341
2 PLC ±0,5		WEIGHT -	RESTRICTED TO -	
3 PLC ±-		CUSTOMER DRAWING	SCALE 4/1	
4 PLC ±-			SHEET 1 OF 1	
ANGLES ±-		REV <del>B2</del>		
FINISH -				

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**creo**  
 CreoParametri2.0  
**DO NOT REVERSE EXCEPT BY CAD**

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
M		REVISED DESIGN ECO-14-005638	16APR2014	NCL	GOJ
M1		REVISED DRAWING ECO-14-012763	16OCT2014	NCL	DAO
M2		REV. BY ECO 14-019128	09JAN2015	HC	WLS
<b>N</b>		<b>REVISED PER ECN-22-...</b>			



PERSPECTIVE VIEW  
 SCALE 3:1

(triangle 1)  
 RESIN WITH GWIT AND GWFI ACCORDING TO IEC 60335-1.

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 NOV 22ND, 2022  
 BY Washington Stefani**

~~1- MATERIA PRIMA CONFORME ESPECIF. IEC 60335-1  
 GWT 750° C, SEM CHAMAS.  
 RAW MATERIAL ACC. TO SPEC 60335-1  
 GWT 750° C, WITHOUT FRAME.~~

~~2- CIRCUITO 1-SOMENTE PARA REFERENCIA.  
 - CIRCUIT 1- FOR REFERENCE ONLY.~~

~~3- CIRCUITO 2- SOMENTE PARA REFERENCIA.  
 - CIRCUIT 2- FOR REFERENCE ONLY.~~

~~4- NÚMERO DA CAVIDADE DO MOLDE.  
 - MOLD CAVITY NUMBER.~~

~~5- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING  
 PER D.RENAUD/D.SINISI~~

6-WORK BETTER WHEN USED WITH  
 TAB PN-881719 OR PN-880638.

FINISH	MATERIAL	PART NUMBER
NATURAL	PA6.6 V-0	1-626065 -2
<del>NATURAL</del>	<del>PA6.6 ZYTEL 103 HSL</del>	<del>5-626065 -1</del>
<del>NATURAL</del>	<del>PBT V-0</del>	<del>5-626065 -0</del>
<del>ORANGE</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -9</del>
<del>VIOLET</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -8</del>
<del>GRAY</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -7</del>
<del>BROWN</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -6</del>
BLACK	POLIAMIDA 6.6	626065 -5
<del>YELLOW</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -4</del>
<del>BLUE</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -3</del>
<del>GREEN</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -2</del>
<del>RED</del>	<del>POLIAMIDA 6.6</del>	<del>5-626065 -1</del>
NATURAL	POLIAMIDA 6.6	626065 -0

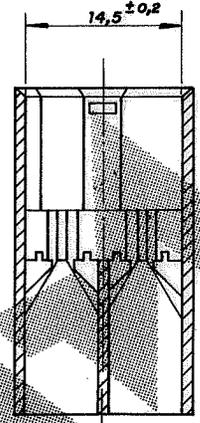
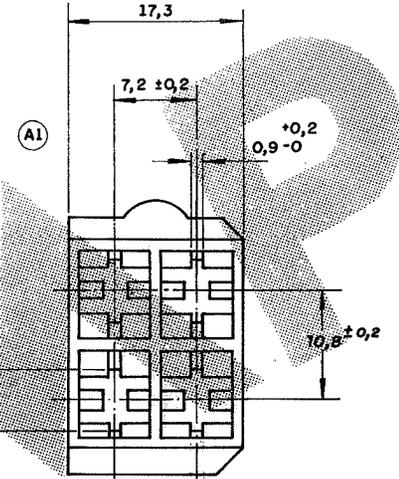
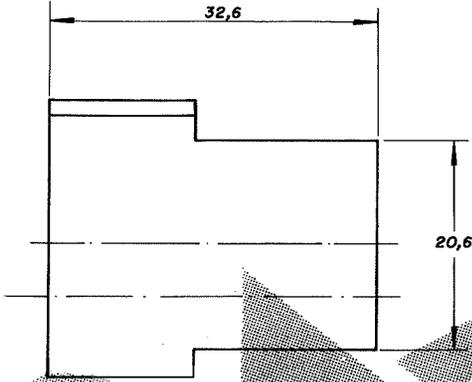
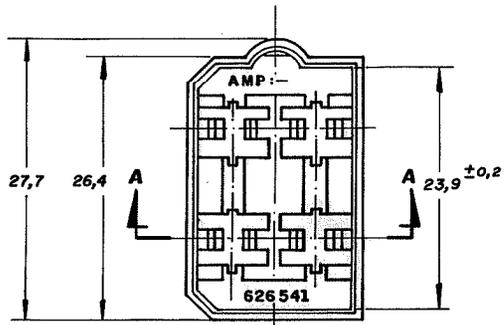
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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,2 1 PLC ±0,3 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±30'	DWN NCLAPRESA 18FEB2011 CHK JRGOLDSCHIMDT 18FEB2011 APVD MBGODOY 18FEB2011	NAME - TE Connectivity
MATERIAL SEE TABLE	FINISH -	PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	HOUSING 2 POSN., FASTIN-ON .110 TAB
Customer Drawing		SIZE A2 CAGE CODE 00779 DRAWING NO C-626065	RESTRICTED TO -
SCALE 5:1		SHEET 1 OF 1	REV. M2

C 626 541

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**AUG 17TH, 2022**  
**BY Washington Stefani**

DO NOT SCALE  
 DIMENSIONS IN **METRIC**  
 3rd ANGLE PROJECTION



SEÇÃO A:A

(Triangle 1) RAW MATERIAL ACCORDING TO IEC 60335-1, GWEPT 750°C, WITHOUT FLAME.  
~~(Triangle 1) RESIN WITH GWIT AND GWFI ACC. TO IEC60335-1.~~  
 (Triangle 2) OBSOLETE PARTS; OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

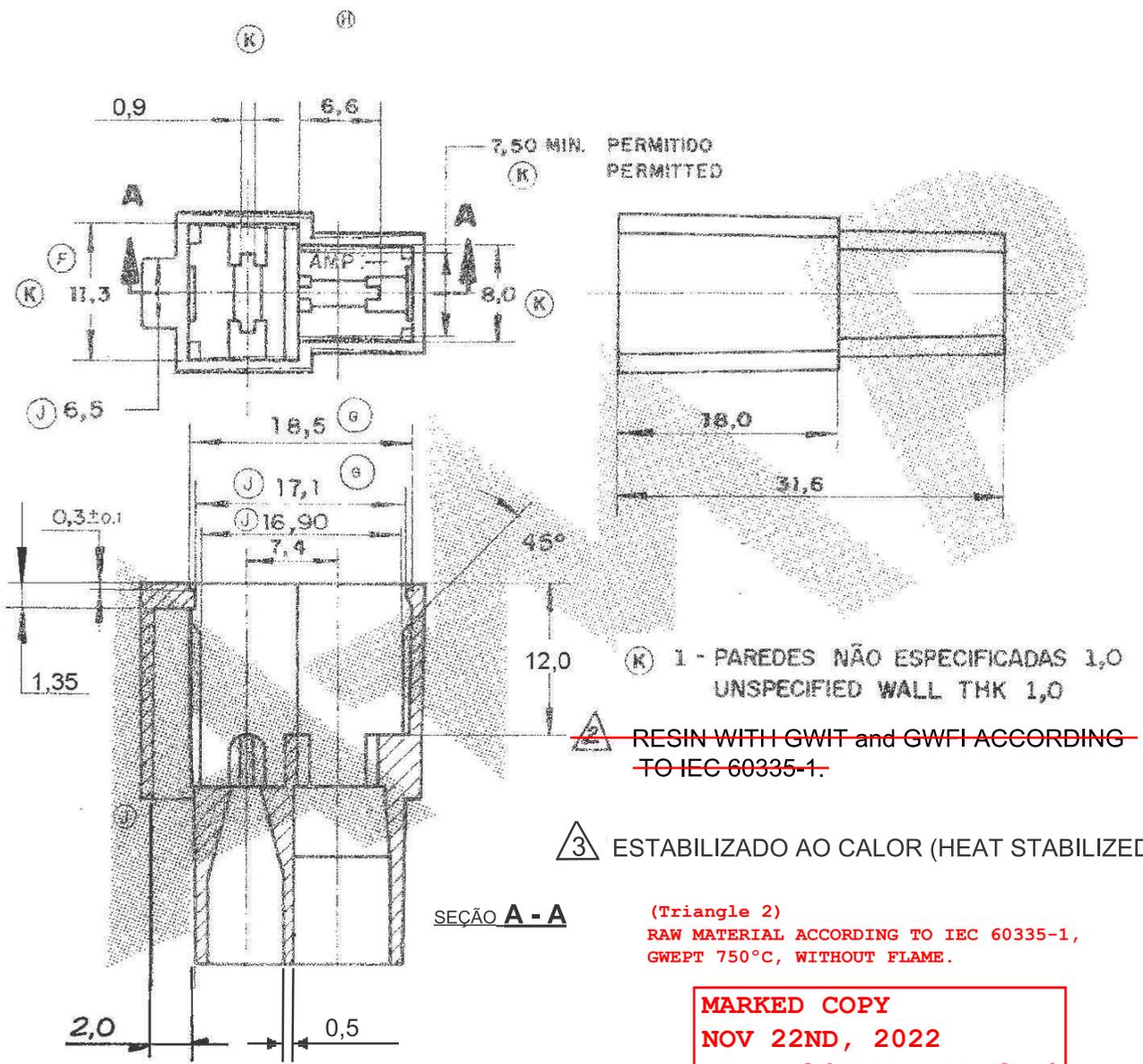
OBSOLETE

NATURAL	PA 6.6 V-0	2	-0
LARANJA		2	-7
MARROM		2	-6
CINZA		2	-9
PRETO		2	-4
AMARELO		2	-3
AZUL		2	-2
VERDE		2	-1
VERMELHO	PA 6.6	2	-0
LARANJA		2	-9
MARROM		2	-8
CINZA		2	-7
PRETO		2	-6
AMARELO		2	-5
AZUL		2	-4
VERDE		2	-3
VERMELHO TINGIDO		2	-2
NATURAL	POLIAMIDA 6.6	2	-1

OTHER TREATMENT	FINISH	MATERIAL	PART NUMBER
			626 541 - 1
<b>CUSTOMER DWG</b> for REFERENCE ONLY		THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION © COPYRIGHT 19 BY AMP DO BRASIL LTDA S.P. ALL INTERNATIONAL RIGHTS RESERVED AMP PRODUCTS MAY BE COVERED BY U.S. AND FOREIGN PATENTS AND/OR PATENTS PENDING.	
TOLERANCES UNLESS OTHERWISE STATED DEC. ± 0,4 ANGLES ± 1°		INS. DIA. RANGE ///	WIRE RANGE ///
C REVISED PER ECN... B1 ECO-09-026444 B REVISED LE 10.0051/05 A1 REVISADO A REDESENHADO ISS REVISION RECORD		DR. Paulo S.B. Agosto 18-88 CHK Helio Agosto, 21-88 DE. APP.	AMP do BRASIL LTDA. São Paulo, Brasil DESCRIPTION <b>4 WAY FASTIN-ON TAB HOUSING</b> DWG NO <b>C 626 541</b> SHEET 1 of 1

DO NOT SCALE  
DIMENSIONS IN MM.

METRIC



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PRETO / BLACK	NYLON 6.6	(3)	- 9
NATURAL	NYLON 6.6 V0	(2) GWT	- 8
NATURAL	NYLON 6,6 V2		880 310 - 1
OTHER TREATMENT	FINISH	MATERIAL	PART NUMBER

CUSTOMER DWG  
for REFERENCE ONLY

TOLERANCES UNLESS OTHERWISE STATED				INS DIA. RANGE	WIRE RANGE	SCALE
DEC ±0,3						
ANGLES ±1°						
R REVISED PER ECN-22-...				TF Connectivity DESCRIPTION 2 WAY .250 S. FAST-IN-ON TAB HSG.		
P4	REVISED PER ECN-22-135694	WLS	EW			
P3	REVISED BY ECO-19-012683	WLS	WLS	14AUG19		
P2	REVISED BY ECO19-000212	WLS	WLS	05FEB19		
P1	REV. ECO 17.013915	HC	HC	21SEP17		
P	REVISED BY ECO 12-002341	HC	WLS	06FEB12		
N2	REVISED PER ECO-11-005139	RK	HMR	28MAR11		
ISS REVISION RECORD				DR	APR	DATE
				DWG NO	A4 C	880 310
				SHEET	1 OF 1	



**Raw Material Glow Wire Testing**

**1. INTRODUCTION**

**1.1 Purpose**

Testing was done in order to verify the flammability characteristics of the test mold material, PN 2136700-1

**1.2 Scope**

This report covers the environmental performance of the PN 2136700-1 Test Molds. Testing was performed at the Harrisburg Electrical Components Test (HECTL) Laboratory from May 17, 2022, and May 24, 2022. Detailed test results are on file at HECTL under test number EA20220189T.

**1.3 Conclusion**

All specimens that were subjected 750°C Glow Wire testing conformed to IEC 60335-1 Edition 6.0 dated 2020-09 with flame durations not exceeding the maximum allowable flame duration of 2.0 seconds.

**1.4 Test Specimens**

The specimens submitted for testing are identified in Table 1.

**Table 1 – Test Specimens**

Test Set	Quantity	Part Number	Description
1	9	2-626541-0	4 WAY .250 SRS, FASTIN-ON HSG
2	9	1-2133341-2	250 HSG. PL MKI REC. NAT
3	9	880310-8	1 WAY FF 250 HSG TAB NYLON 6.6-V0 NAT

**1.5 Test Sequence**

The specimens in Table 1 were subjected to the testing outlined in Table 2.

**Table 2 – Specimen Test Sequence**

Test or Examination	Test Set
	1 - 3
Test Sequence (a)	
Conditioning	1
Glow Wire at 750°C	2

(a) Numbers indicate the order in which testing was performed

**1.6 Environmental Conditions**

Unless otherwise stated, the following environmental conditions prevailed during testing:

Temperature: 15°C to 35°C  
Relative Humidity: 20% to 80%

## 2. SUMMARY OF TESTING

### 2.1 Conditioning

No damage detrimental to product performance was observed.

### 2.2 Glow Wire 750°C

All specimens that were subjected 750°C Glow Wire conformed to IEC 60335-1 Edition 6.0 dated 2020-09.

## 3. TEST METHODS

### 3.1 Conditioning

All Test Sets were conditioned between 15°C – 35°C and relative humidity between 45% - 75% for a minimum of 24 hours per 60335-1 Edition 6.0 dated 2020-09.

### 3.2 Glow Wire 750°C

The specimens were subjected to the Glow Wire test per IEC 60335-1 Edition 6.0 dated 2020-09 for a duration of 30 seconds at 750°C ± 10°C with a glow wire penetration depth of 7 mm. All test specimens were tested unmated. The specimens were tested in three orientations as shown in Figures 4 through 12, specimens were orientated whereas not to impede the material from burning up the test specimen or dripping down to the specified layer (wrapping tissue paper) which was placed on a ceramic tile. The tester observed each test specimen for flame height, flame duration, and burning of the specified layer.

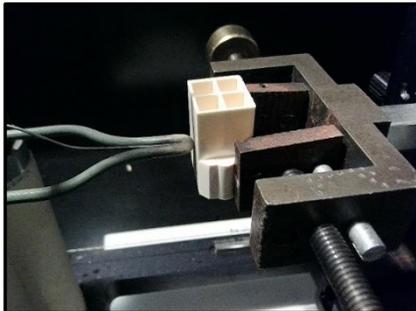


Figure 1 – TS1 Front Face

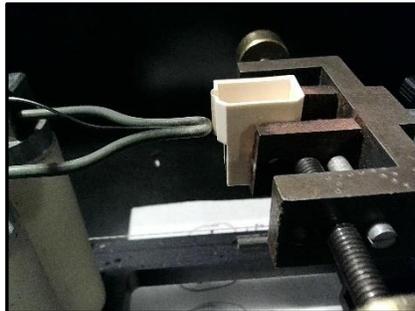


Figure 2 – TS1 Side Face

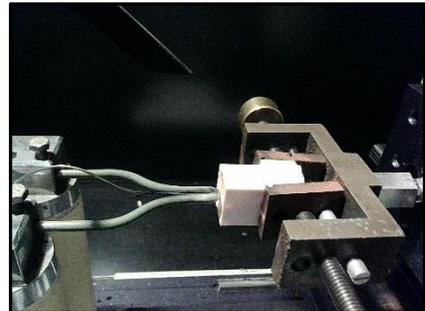


Figure 3 – TS1 Mating Face

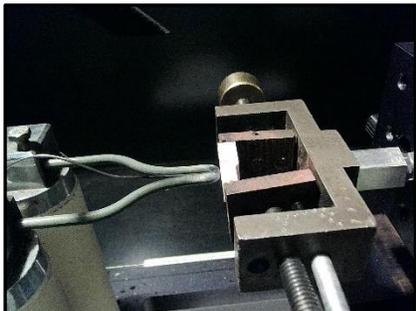


Figure 4 – TS2 Front Face

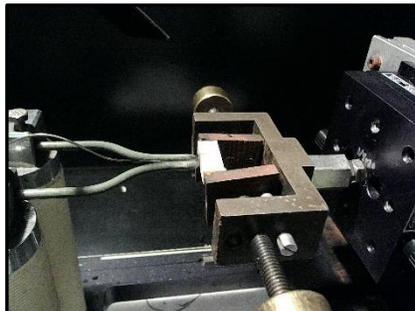


Figure 5 – TS2 Side Face

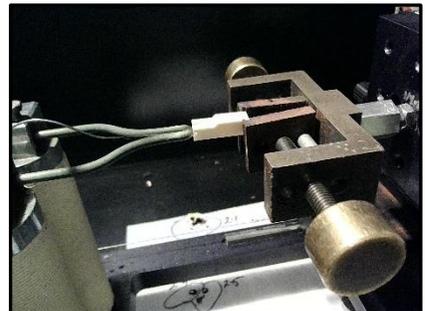


Figure 6 – TS2 Mating Face

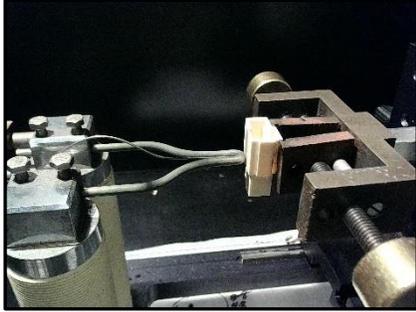


Figure 7 – TS3 Front Face

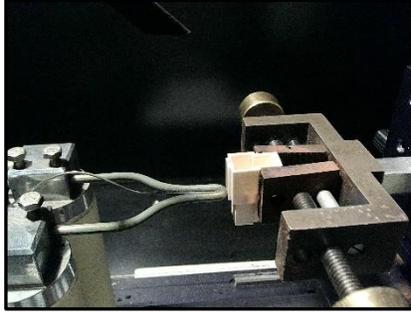


Figure 8 – TS3 Side Face

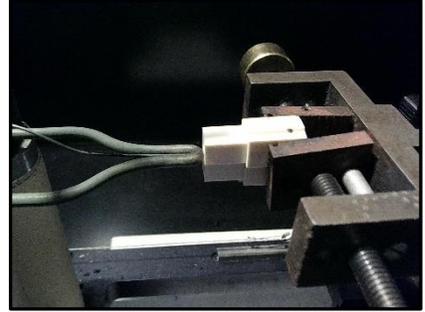


Figure 9 – TS3 Mating Face