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PPAP Package for:

Newark Electronics (TE Connectivity Part Number): 1-967623-6 Aug-2020

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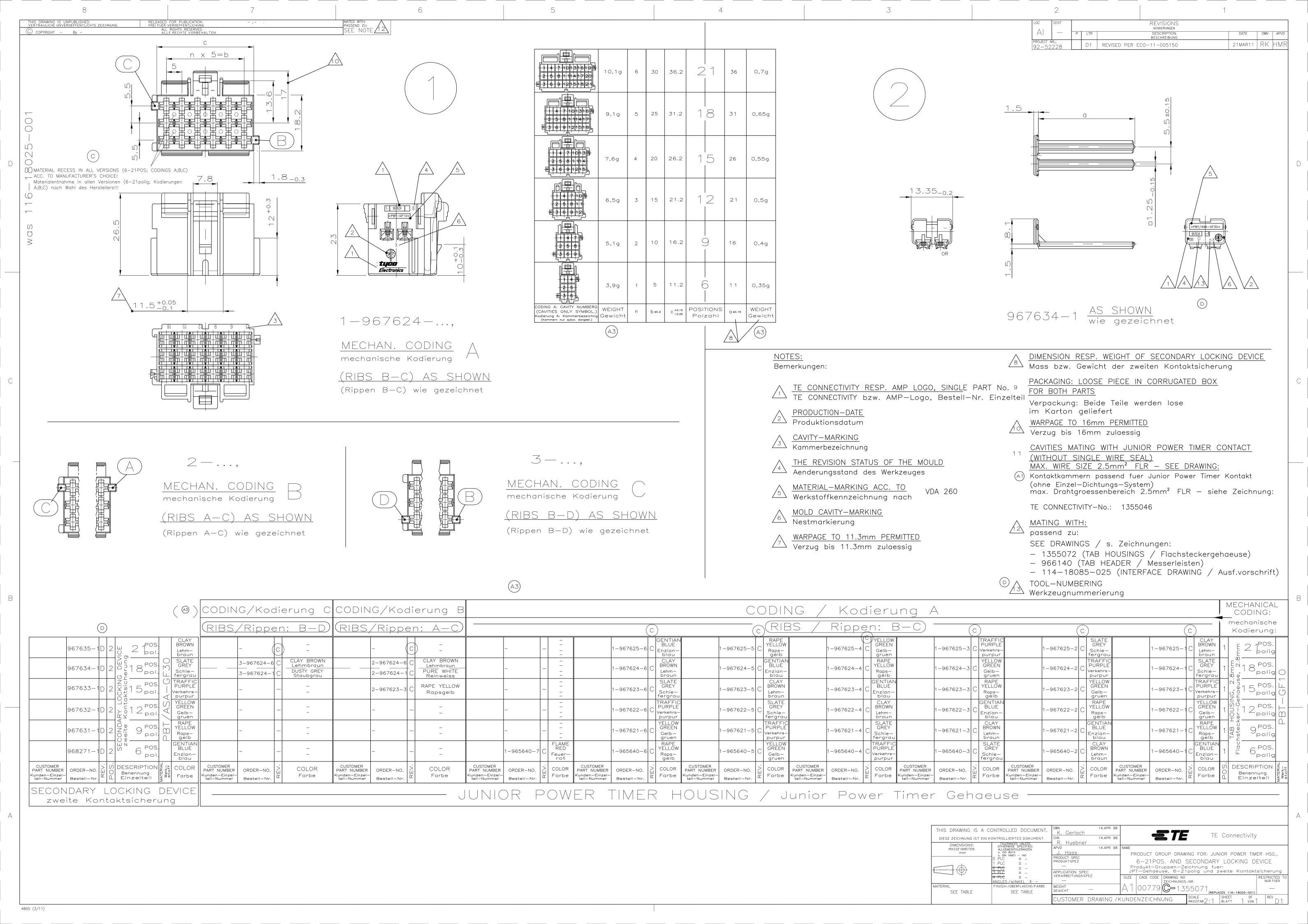
Nondisclosure Agreement

If a nondisclosure agreement has been reached with your company, it will be included on the following page(s). Please review the terms of this agreement to ensure that further actions associated with information contained within this PPAP package do not violate these terms.

If a nondisclosure agreement HAS NOT been reached, certain documents deemed confidential by TE Connectivity will not be included in this PPAP package. These documents include but are not limited to the Design FMEA, the Process Flow Diagram, the Process FMEA and the Control Plan. These documents can be reviewed by you company but cannot be retained.



Section 1 Design Records





Section 2 **Engineering Change Documents**



Product Change Notification

Current Date: 11-Aug-2020

TE Connectivity

Product Change Notification: P-19-017968 PCN Date: 28-SEP-19

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:
JUN-POW-TIM GEH 12P / 15P

Description of Changes

Manufacturing location change. Following Part Numbers will be transferred from TE Steinach to TE Speyer.

Reason for Changes:

Dear Customer, we hereby inform you about a tools and/or processes transfer to improve our SupplyChain towards our customers as well as our Footprint amendment within TE.The transfer follows a strict procedure, which fully maintains quality, ability to supply and form-fit-function of the concerned products. The receiving manufacturing location operates under a certified QualityManagementSystem in accordance with standard automotive requirements and the respective customer specific requirements. A TE-internal release test based on the relevant part specifications defined by ProductEngineering will be executed before delivery. This process has been reviewed and shared upfront with the respective OEMs. Upon request, a PPAP Level 1/VDA Level 0 will be available, or as otherwise agreed. If you require such a PPAP, please notify the responsible TE Sales Contact within 14 calendar days after receipt of this PCN. For further details please get in touch with your respective Sales or Customer Service Account.

Estimated Dates:

Estimated Bates.	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	25-OCT-2019
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
<u>1-967622-1</u>	NO					
1-967622-2	NO					
1-967622-3	NO					
1-967622-4	NO					
1-967622-5	NO					
1-967622-6	NO					
<u>1-967623-1</u>	NO					
1-967623-2	NO					
1-967623-3	NO					
1-967623-4	NO					
1-967623-5	NO					
<u>1-967623-6</u>	NO	·				
<u>2-967623-3</u>	NO					



Section 3 Customer Engineering Approval



Not Applicable



Section 4 Design FMEA

See Section A for nondisclosure conditions.

The Design FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Process Flow Diagram

See Section A for nondisclosure conditions.

The Process Flow Diagram, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Process FMEA

See Section A for nondisclosure conditions.

The Process FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Control Plan

See Section A for nondisclosure conditions.

The Control Plan, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



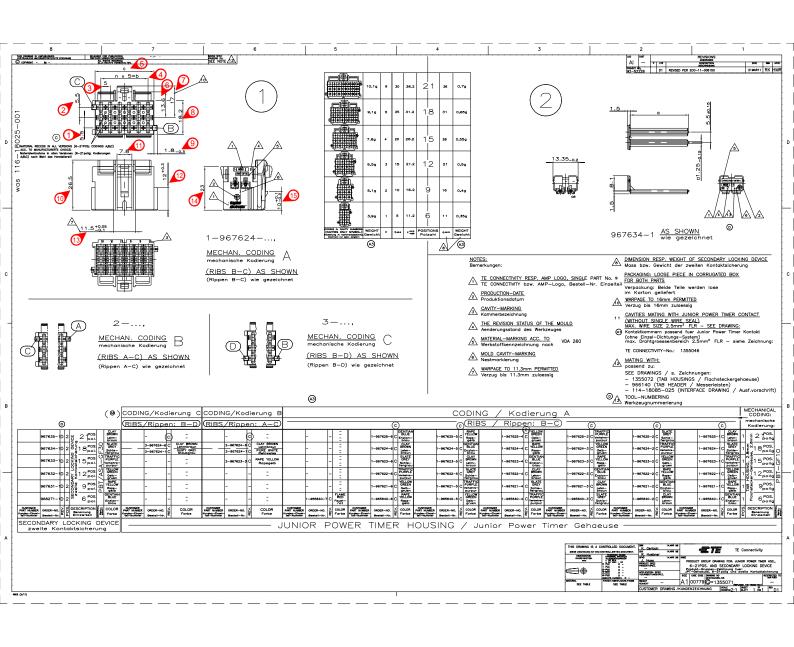
Section 8 Measurement System Analysis



Section 9 Dimensional Results



Section 10 Material, Performance Test Results





Production Part Approval Dimension Test Results

Page 1 of 1 Pages

20/111253

ORGANIZATION:
SUPPLIER/VENDOR CODE TYCO ELECTRONICS AMP GMBH
INSPECTION FACILITY

SPEYER

PART NUMBER 1-967623-6
PART NAME JUN-POW-TIM-GEH 15P
DESIGN RECORD CHANGE LEVEL: C-1355071
ENGINEERING CHANGE DOCUMENT: D1

		SPECIFICATION /	IESI	QTY.	ORG			ENT	OK	NOT
		LIMITS	DATE	D RESULT (DATA			· · · · · · · · · · · · · · · · · · ·	1		OK
view top									ļ	<u> </u>
					5.50	5.49			Х	<u> </u>
	5.50	± 0,22			5.50	5.50	5.50	5.51	х	$ldsymbol{f eta}$
	5.00	± 0,22			4.97	4.98	4.98	4.98	х	
b=	20.00	± 0,20			20.00	20.00	20.00	20.01	х	
c=	26.20	+0,15/-0,25			26.12	26.13	26.12	26.12	х	
	13.60	± 0,27			13.66	13.69	13.68	13.63	х	
Note 10	17.00	± 0,30			16.11	16.20	16.12	16.18	х	
	18.20	± 0,30			18.23	18.18	18.2	18.21	х	
	1.80	± 0,30			1.74	1.72	1.73	1.72	х	
view mid	ldle									
	26.50	± 0,34			26.48	26.48	26.49	26.49	х	
	7.80	± 0,24			7.81	7.82	7.81	7.81	х	
	12.00	+ 0,30			12.00	12.00	12.00	12.00	х	
Note 7	11.50	+0,05/-0,1			11.40	11.41	11.42	11.43	х	
	23.00	± 0,34			22.96	22.95	22.95	22.97	х	
	10.00	+0,10/-0,30			9.87	9.82	9.81	9.86	х	
	b= c= Note 10	b= 20.00 c= 26.20 13.60 Note 10 17.00 18.20 1.80 view middle 26.50 7.80 12.00 Note 7 11.50	SPECIFICATION LIMITS	view top DATE 5.50 ± 0,22 5.50 ± 0,22 5.00 ± 0,22 b= 20.00 ± 0,20 c= 26.20 +0,15/-0,25 13.60 ± 0,27 Note 10 17.00 ± 0,30 18.20 ± 0,30 view middle 26.50 ± 0,34 7.80 ± 0,24 12.00 Note 7 11.50 +0,05/-0,1 23.00 ± 0,34 +0,05/-0,1	TESTE TESTE TESTE TESTE	View top 1 5.50 ± 0.22 5.50 5.50 ± 0.22 5.50 5.50 ± 0.22 4.97 5.50 ± 0.22 4.97 5.50 ± 0.22 4.97 5.50 ± 0.22 4.97 5.50 ± 0.20 20.00 5.50 ± 0.30 13.66 5.50 ± 0.30 16.11 5.50 ± 0.30 18.23 5.50 ± 0.30 1.74	View top 1 2 5.50 ± 0,22 5.50 5.49 5.50 ± 0,22 5.50 5.50 5.00 ± 0,22 4.97 4.98 b= 20.00 ± 0,20 20.00 20.00 c= 26.20 + 0,15/-0,25 26.12 26.13 13.60 ± 0,27 13.66 13.69 Note 10 17.00 ± 0,30 16.11 16.20 18.20 ± 0,30 18.23 18.18 1.80 ± 0,30 1.74 1.72 view middle 26.50 ± 0,34 26.48 26.48 7.80 ± 0,24 7.81 7.82 12.00 + 0,30 12.00 12.00 Note 7 11.50 + 0,05/-0,1 11.40 11.41	View top 1 2 3 5.50 ± 0,22 5.50 5.49 5.49 5.50 ± 0,22 5.50 5.50 5.50 5.00 ± 0,22 4.97 4.98 4.98 b= 20.00 ± 0,20 20.00 20.00 20.00 c= 26.20 +0,15/-0,25 26.12 26.13 26.12 13.60 ± 0,27 13.66 13.69 13.68 Note 10 17.00 ± 0,30 16.11 16.20 16.12 18.20 ± 0,30 18.23 18.18 18.2 1.80 ± 0,30 1.74 1.72 1.73 view middle 26.50 ± 0,34 26.48 26.48 26.49 7.80 ± 0,24 7.81 7.82 7.81 12.00 + 0,30 12.00 12.00 12.00 Note 7 11.50 + 0,05/-0,1 11.40 11.41 11.42 23.00 ± 0,34 22.96	View top 1 2 3 4 5.50 ± 0,22 5.50 5.49 5.49 5.48 5.50 ± 0,22 5.50 5.50 5.50 5.51 5.00 ± 0,22 4.97 4.98 4.98 4.98 b= 20.00 ± 0,20 20.00 20.00 20.00 20.00 20.01 c= 26.20 + 0,15/-0,25 26.12 26.13 26.12 26.12 26.13 26.12 26.12 13.60 ± 0,27 13.66 13.69 13.68 13.63 Note 10 17.00 ± 0,30 16.11 16.20 16.12 16.18 18.20 ± 0,30 18.23 18.18 18.2 18.21 1.80 ± 0,30 1.74 1.72 1.73 1.72 view middle 26.50 ± 0,34 26.48 26.48 26.49 26.49 7.80 ± 0,24 7.81 7.82 7.81 7.81 7.81 <td> View top</td>	View top

SIGNATURE	<u>TITEL</u>	<u>DATE</u>	_
Veda Kulkarni	Quality Engineering	24 01 2020	



2.1. 2020

Certificate of Analysis

BASF SE

Bitte beachten Sie, dass Sie auf die Analysezertifikate auch bequem über Ihr BASF-Onlineportal zugreifen können.

Fax-Nr 06232302127

TE Connectivity Germany GmbH

2019-12-30

SIEMENSSTR. 13

RBU Performance Materials Europe

67346 SPEYER

Zertifikats-Nr 4057

Deutschland

Abnahmeprüfzeugnis 3.1 nach EN 10204

ULTRADUR® B 4300 G2 UNGEFAERBT POLYBUTYLENE TEREPHTHALATE

1000KG PAPPE IBC Ihre Bestellung

2550093389/TE191219-1088-1

703652-2/1000

Material 50004342

Auftrag 3016305089 000010 Lieferung 3192649841 000010

Charge 04075004N0

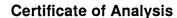
Menge 4000.000 KG Total 4000.000 KG

Pruefung				
Pruefmethode				
	Spezifikation	Pruefwert	Einheit	
Viskositaetszahl		• • • • • • • • • • • • • • • • • • •		• • • •
nach ISO 1628-5 (Phe	enol/Dichlorb.1:1)			
	106,0 - 125,0	118, 0	ml/g	
Fuellstoff (Glas und/o	der Mineral)			
in Anlehnung an ISO	3451			
	8,0 - 12,0	10, 0	%	

Die angegebenen Pruefwerte sind Mittelwerte von Pruefdaten, die waehrend der Produktion an der Charge ermittelt wurden.

Dr.Axel Ebenau, Abnahmebeauftragter Bei Fragen senden Sie bitte eine E-Mail an folgende Adresse: EPME-Certificates@basf.com

Die vorstehenden Angaben stellen die mit uns vereinbarte vertragliche Beschaffenheit des Produktes bei Gefahrübergang dar. Sie werden von uns im Rahmen unserer Qualitätssicherung regelmäßig überprüft. Diese Angaben und die Eigenschaften von Produktmustern sind keine Garantie von Eigenschaften und enthalten insbesondere keine Aussagen über die Eignung des Produktes für bestimmte Einsatzzwecke, so dass daraus keine Schadenersatzansprüche gegen uns hergeleitet werden können.







We create chemistry

Bitte beachten Sie, dass Sie auf die Analysezertifikate auch bequem über Ihr BASF-Onlineportal zugreifen können.

Fax-Nr 06232302127

TE Connectivity Germany GmbH

2019-12-30

Material

Auftrag

SIEMENSSTR. 13

RBU Performance Materials Europe

67346 SPEYER

Zertifikats-Nr 4055

Deutschland

Abnahmeprüfzeugnis 3.1 nach EN 10204

ULTRADUR® B 4300 G2 UNGEFAERBT POLYBUTYLENE TEREPHTHALATE 1000KG PAPPE IBC Ihre Bestellung

2550093389/TE191219-1088-2 703652-2/1000 50004342

3016305088 000010 3192649840 000010

 Lieferung
 3192649840
 000

 Charge
 08865504N0

 Menge
 1000.000
 KG

 Total
 1000.000
 KG

.....

Die angegebenen Pruefwerte sind Mittelwerte von Pruefdaten, die waehrend der Produktion an der Charge ermittelt wurden.

Dr.Axel Ebenau, Abnahmebeauftragter Bei Fragen senden Sie bitte eine E-Mail an folgende Adresse: EPME-Certificates@basf.com

Die vorstehenden Angaben stellen die mit uns vereinbarte vertragliche Beschaffenheit des Produktes bei Gefahrübergang dar. Sie werden von uns im Rahmen unserer Qualitätssicherung regelmäßig überprüft. Diese Angaben und die Eigenschaften von Produktmustern sind keine Garantie von Eigenschaften und enthalten insbesondere keine Aussagen über die Eignung des Produktes für bestimmte Einsatzzwecke, so dass daraus keine Schadenersatzansprüche gegen uns hergeleitet werden können.



Section 11 Initial Process Studies



Section 12 Qualified Laboratory Documentation



CERTIFICATE



This is to certify that

TE Connectivity Germany GmbH

Siemensstraße 13 67346 Speyer Germany

has implemented and maintains a Quality Management System.

Scope:

Design and manufacturing of electronic and mechatronic components and connector systems

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

IATF 16949:2016

(with product design)

Certificate registration no. 515112 IATF16

Main certificate registration no. 515099 IATF16

Issuing date 2018-04-18

This certificate is valid until 2021-04-17

IATF No. 0301145

2-IAO-QMC-01001

Seculivel

For and on behalf of DQS

Stefan Heinloth

Managing Director, DQS GmbH

Michael Drechsel

Managing Director, DQS Holding GmbH



Annex to certificate registration no.: 515112 IATF16

IATF-No.: 0301145

TE Connectivity Germany GmbH

Siemensstraße 13 67346 Speyer Germany



Remote Location Scope

515114

TE Connectivity Solutions GmbH Amperestr. 3 9323 Steinach Switzerland Logistics

515099

TE Connectivity Germany GmbH Amperestr. 12-14 64625 Bensheim Germany Policy making, Process Design, Purchasing, Quality System Management, Sales

515116

TE Connectivity Germany GmbH Amperestr. 12-14 73499 Wört Germany

Process Design

515902

TE Connectivity Germany GmbH Amperestr. 12-14 73499 Wört Germany Warehousing

515103

TE Connectivity Germany GmbH Amperestr. 11 91550 Dinkelsbühl Germany Process Design, Production Equipment

Development

515110

Tyco Electronics France SAS 1 rue Ampère 95300 Pontoise France Sales



Annex to certificate registration no.: 515112 IATF16

IATF-No.: 0301145

TE Connectivity Germany GmbH

Siemensstraße 13 67346 Speyer Germany



Remote Location Scope

515514
Tyco Electronics AMP Italia Products S.r.I. Sales
Corso Fratelli Cervi 15
10093 COLLEGNO TORINO
Italy

525517
TE Connectivity Tangier Morocco
I Lot 60, Zone Franche Tangier
90 000 Tangier
Morocco

Warehousing

525515
TE Connectivity Tunisia office
Immeuble Lake Forum,
4 ème étage 5 rue de la feuille d'érable
1053 Tunis
Tunisia

Warehousing



Section 13 **Appearance Approval Report**



Not Applicable



Section 14 Sample Product

Sent in separate package (if required)



Section 15 Master Sample

Retained at manufacturing location



Section 16 Checking Aids



Not Applicable



Records of Compliance with Customer-Specific Requirements

IMDS ID / Version: 3712785 / 9 Page: 1 / 3

User: Corella, Sofia Date: 8/13/20 2:13:46 AM

MDS Report Substances of assemblies and materials

This report is for internal Automotive industry use only. Distribution to non-Automotive clients is a violation of the Terms of Use, and is not permitted unless a written permission was given by DXC Technology. Parsing is not allowed.

1. Company and Product Name

1.1 Supplier Data 1.2 Product Identification

Name [ID]: Tyco Electronics GAD Part/Item No.: 1-0967623-6

[913]

DUNS Number: - Description: **Junior Power Timer Hsg**,

15Posn - Slate Grey

Street/Postal Code: Amperestr. 12-14 Report No.: Nat./ZipCode/City: DE 64625 Bensheim Date of Report: Supplier Code: - Purchase Order No.: -

Contact Person: IMDS Team (India) Bill of Delivery No.:

Engineering Services

- Phone: - Preliminary MDS: **No**

- Fax No.: - IMDS ID / Version: 3712785 / 9
- E-Mail Address: imds@te.com Node ID: 651623597

MDS Status (Change Internally released

Date): (04/04/2017)

IMDS ID / Version: 3712785 / 9 Page: 2 / 3

User: Corella, Sofia Date: 8/13/20 2:13:46 AM

MDS Report Substances of assemblies and materials

Materials which are subject to legal prohibitions must not be included!

Dangerous substances formed or released during use must also be declared

Please note: GADSL list for substances that require declaration

2. Characterization of the Component

Part/Item No.: 1-0967623-6 Report No.:

Description: Junior Power Timer Hsg, 15Posn - Slate Grey IMDS ID / Version: 3712785 / 9
Node ID: 651623597

Tree Level	Description Article Name Name Substance name	Part/Item No. Item-/MatNo. Material-No. CAS No.	IMDS ID / Version	Quantity	② ॐ Weight	Portion	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
1	Junior Power Timer Hsg, 15PosnSlate Grey	1 -0967623-6	3712785 / 9		7.7				Not Applicable
-2	PBT-GF10	1 703652-2 + 1573728-1	611826163 / 2		7.7			% 5.1.a	№ No
 3	PBT-GF10	% 703652-2	1373467 / 4			97.5		\$ 5.1.a	
- 4		4) -				10			



IMDS ID / Version: 3712785 / 9 Page: 3 / 3

User: Corella, Sofia Date: 8/13/20 2:13:46 AM

ree Level	Description Article Name Name Substance name	Part/Item No. Item- /MatNo. Material-No. CAS No.	IMDS ID / Version	© Quantity	₩eight [g]	Portion	Portion (from - to) [%]	GADSL,	 ☑ Parts Marking ♣ Recyclate (Indust./Consumer) ♠ Application [ID]
- 4	Turther Additives, not to declare	system				1			
-4	♠ PBT	4 -				89			
-3	PE Colour Masterbatch	1573728-1	611703738 / 1			2.5	2 - 3	5.1.b	
-4	Pigment portion, not to declare	system				4			
-4	♠ Titanium-dioxide	13463-67-7				27			
-4	Carbon black	1333-86-4				6			
-4	♦ PE	4 -				63			



Not Applicable



Section 18 Part Submission Warrant

Part Submission Warrant

EPPAP:

Part Name			Cust. Par	rt Number		
Shown on Drawing Number			Org.Pa	rt Number		
Engineering Change Level				Dated		
Additional Engineering Changes				Dated		
Safety and/or Government Regulation	Yes	No	Purchase Order No	·		
Checking Aid Number	Checking Aid E	Engineering Cha	ange Level		Dated	
ORGANIZATION MANUFACTURI	NG INFORMATION		CUSTOMER	SUBMITTAL INFO	RMATION	
Organization Name and Supplier Code			Customer Name	/Division		
Street Address			Buyer/Buyer Co	de		
City Region	Postal Code Count	try	Application			
MATERIALS REPORTING Has customer-required Substance of Cc Submitted by	oncern information been report			Yes	No	NA
Are polymeric parts identified with appro	•			Yes	No	NA
Initial submission Engineering Change(s)				Change to Optional Sub-Supplier or Ma		
Tooling: Transfer, Replacemen	t, Refurbishment, or additional			Change in Part Pro	cessing	
Correction of Discrepancy Tooling Inactive > than 1 year				Parts Produced at A Other - please spec		Í
REQUESTED SUBMISSION LEVEL (C Level 1 - Warrant only (and for Level 2 - Warrant with product Level 3 - Warrant with product Level 4 - Warrant and other rec Level 5 - Warrant with product SUBMISSION RESULTS The results for dimensional of the results meet all design record rec Mold / Cavity / Production Process	designated appearance items, samples and limited supporting samples and complete supporting itements as defined by custo samples and complete supporting and complete supporting and complete supporting assurement materials.	g data submitte ting data submi omer.	d to customer. itted to customer. ved at supplier's manu nal tests appr	facturing location. earance criteria	statistical proces	ss package
DECLARATION I affirm that the samples represented by th Process Manual 4th Edition Requirements I also certify that documented evidence of	. I further affirm that these sample	les were produc	ed at the production rate	e of Production Rate	is TE Proprietary.	
EXPLANATION/COMMENTS						
Is each Customer Tool properly tagged	and numbered?	Ye	s No	NA		
Organization Authorized Signature	Diana	Elizabet	th Rios		Date	
Print Name		Phone No.		Fax		
Title		Email				
PPAP Warrant Disposition :	FOR CUSTOM Approved Reject		(IF APPLICABLE) Other			
Customer Signature				D	oate	
Print Name		Cu	stomer Tracking Numb	per (optional)		



Section 18a **Bulk Material Requirements**



Not Applicable