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PPAP Package for:

Nursan Otomotiv Ltd.

Customer Part Number: 2203973-9

(TE Connectivity Part Number): 2203973-9

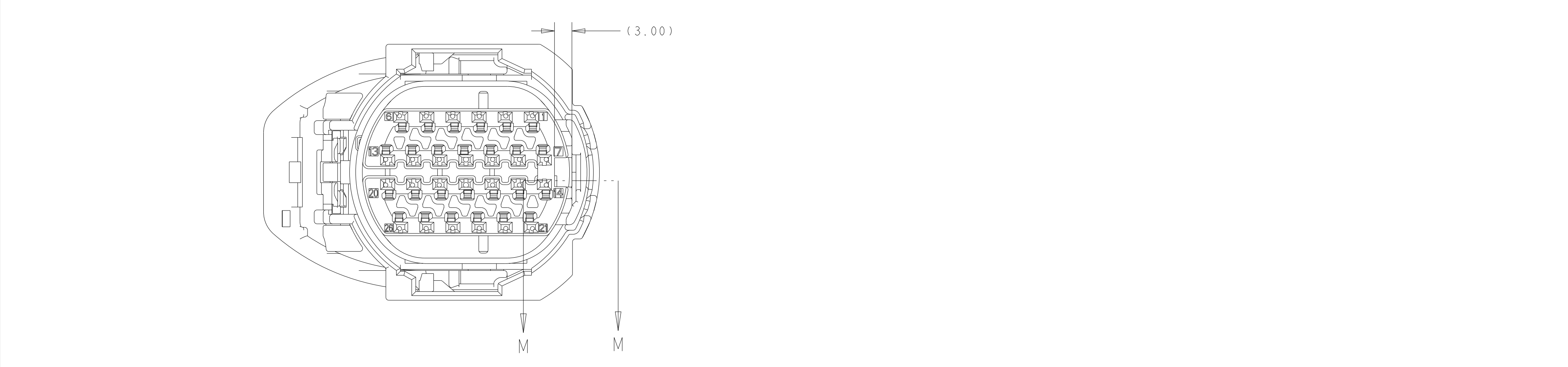
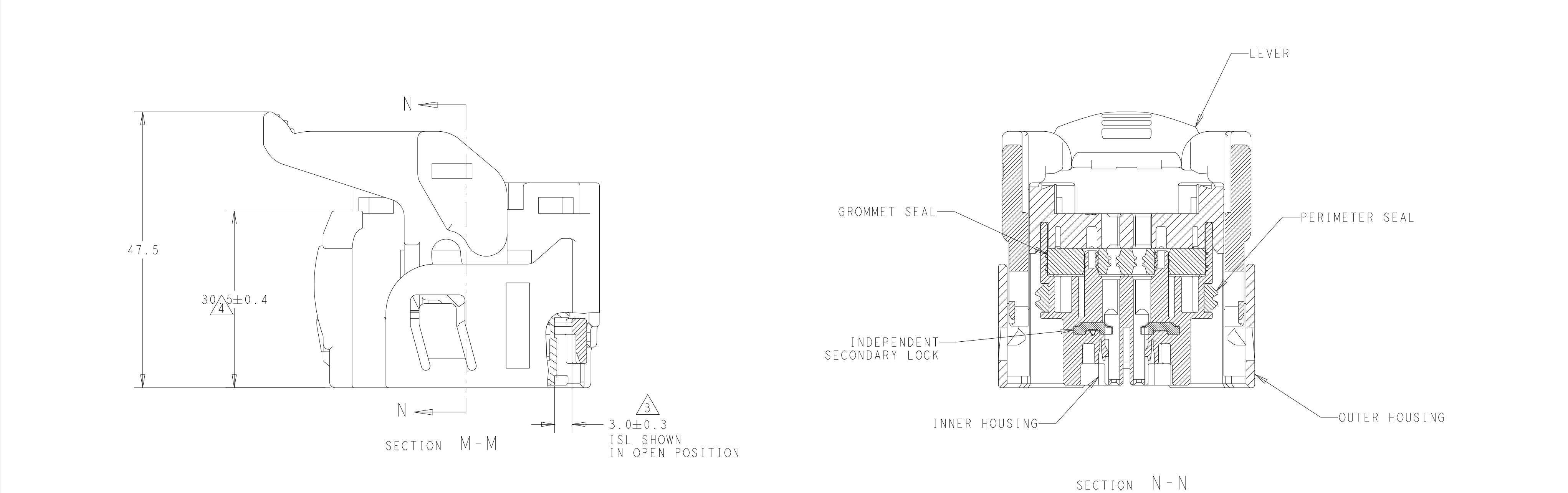
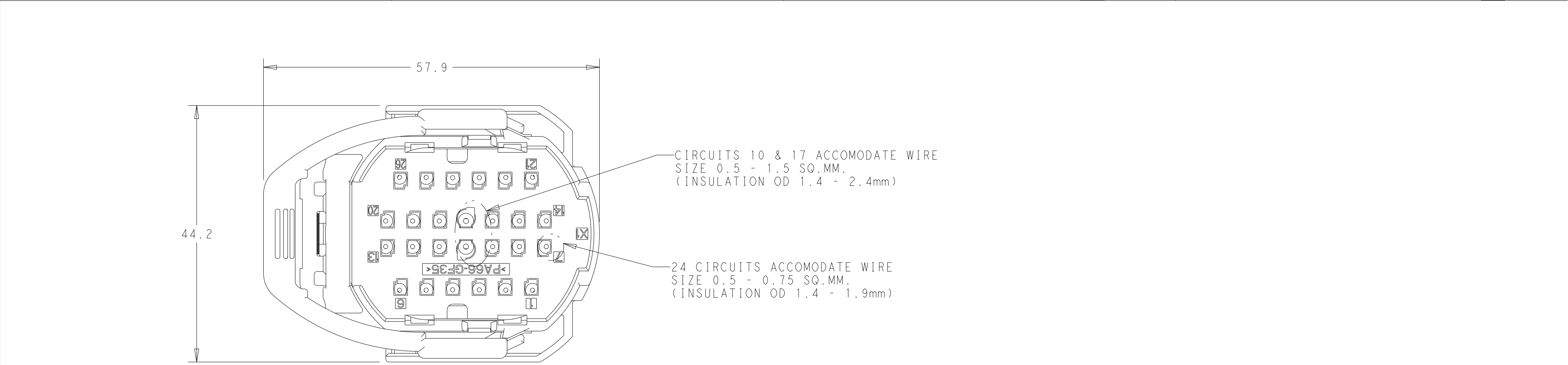
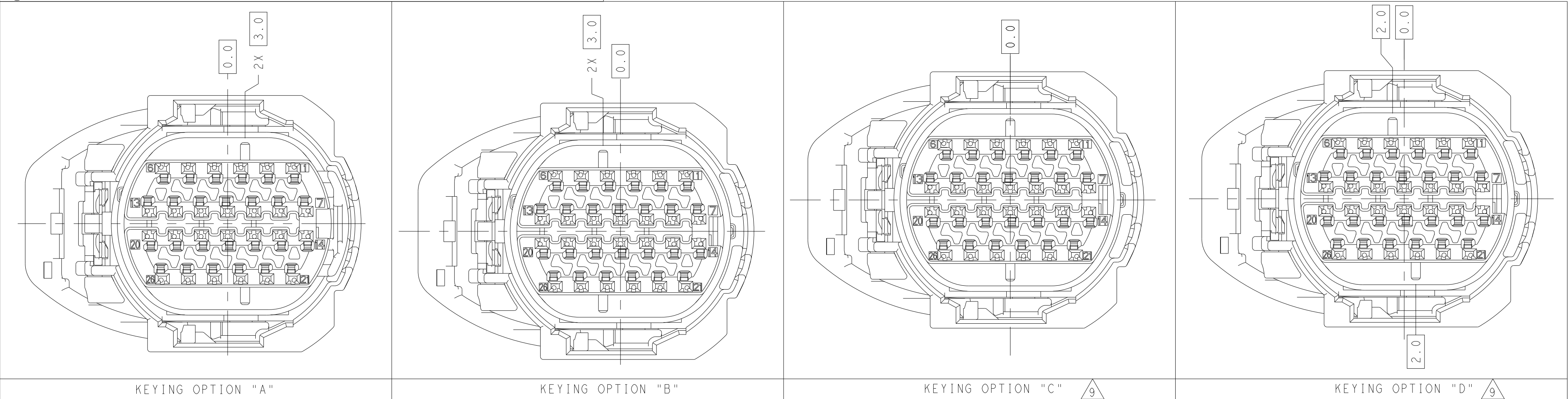
Section A	Nondisclosure Agreement
Section # 1	Design Records
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Section # 18	Requirements Part Submission Warrant

Section # 18a



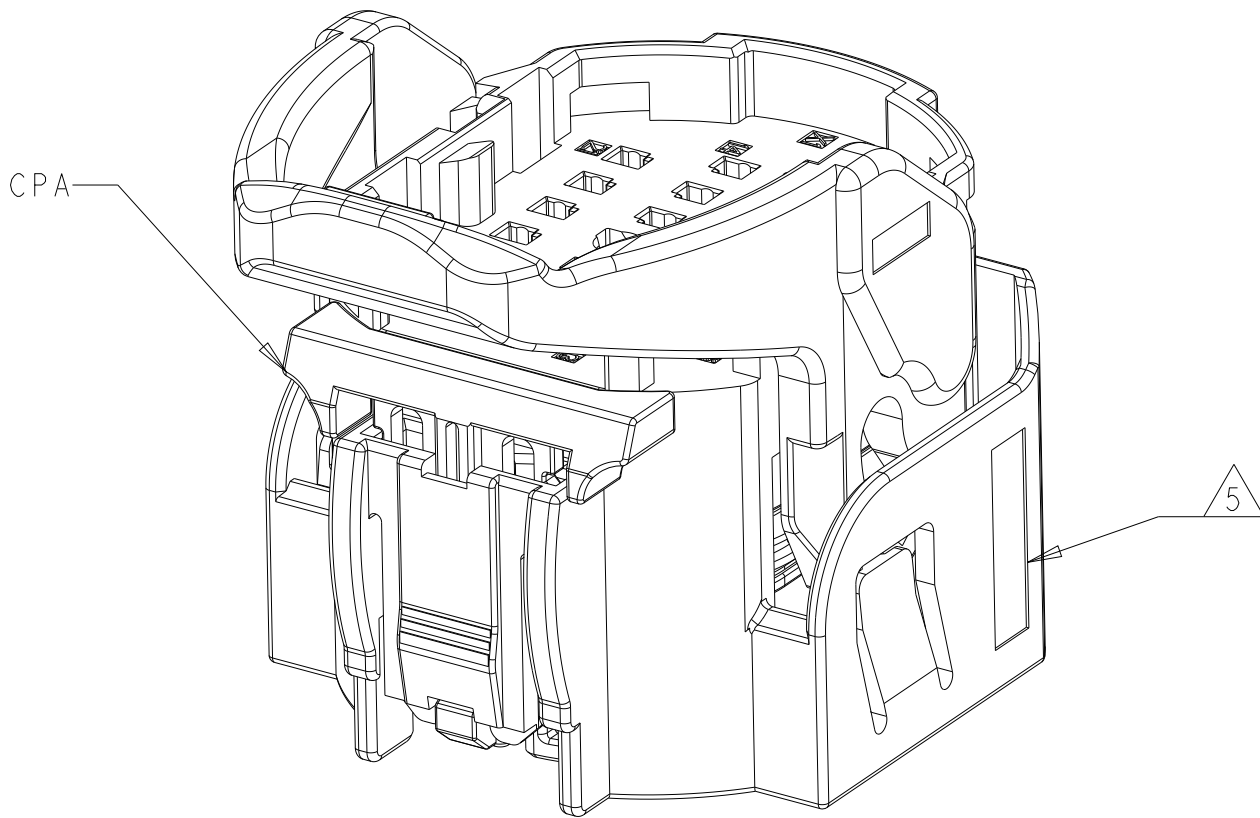
Section 1

Design Records



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A4		REVISE PER ECO-18-012171	01AUG2018	JMS	GM
A5		REVISED PER ECO-19-008061	24MAY2019	JMS	GK
A6		REVISED PER ECN-21-117411	22SEP2021	CN	GK
A7		REVISED PER ECN-21-119751	28SEP2021	CN	GK

- NOTES:
- MATERIAL:
INNER HOUSING-NYLON 6/6,35% GLASS FILLED,BLACK
OUTER HOUSING-NYLON 6/6,35% GLASS FILLED,BLACK
PERIMETER SEAL-SILICONE RUBBER,INHERENTLY LUBRICATED,GREEN
GROMMET SEAL-SILICONE RUBBER,INHERENTLY LUBRICATED,BLUE
ISL-NYLON 6/6,35% GLASS FILLED,GRAY
CPA-PBT,30% GLASS FILLED,RED
LEVER-NYLON 6/6,35% GLASS FILLED,GRAY
 - 2203973-1 SHOWN IN GENERAL VIEWS.
 - ISL SHOWN IN PRE-SET, SHIPPING POSITION.
 - CPA SHOWN IN PRE-SET, SHIPPING POSITION.
 - TE PART NO. AND JULIAN DATE CODE (YY-DDD) MARKED IN APPROXIMATE LOCATION.
 - APPLICABLE TERMINALS: MCON 1.2 CLEAN BODY
TE P/N 1670144-X (0.5-0.75 SQ.MM.) ALL CIRCUITS
TE P/N 1452503-X (1.0-1.5 SQ.MM.) CIRCUITS 10 AND 17 ONLY.
 - MATES WITH TE HEADER ASSEMBLY: 2297721-X
 - SEE SHEET 2 FOR PART NUMBER TABLE WITH KEYING AND CIRCUIT CONFIGURATION OPTIONS.
 - PRELIMINARY DESIGN - NOT TOOLED.
 - APPLICABLE CAVITY PLUGS FOR UNUSED CIRCUITS:
TE P/N 1-1452424-2 (FOR CIRCUITS 10 & 17 ONLY)
TE P/N 1-1452424-1 (FOR ALL CIRCUITS EXCEPT 10 & 17)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: CHETHAN_K 13NOV2013	TE TE Connectivity	
		CHK: A.VASBINDER 15NOV2013		
		APVD: A.VASBINDER 15NOV2013		
		PRODUCT SPEC		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME: 26P SEALED MCON FEMALE ASSEMBLY	
mm		0 PLC ±.5	SIZE: A1	
		1 PLC ±0.5	CAGE CODE: -	
		2 PLC ±0.3	DRAWING NO: C=2203973	
		3 PLC ±.	RESTRICTED TO	
		4 PLC ±.		
		ANGLES ±3°		
MATERIAL		FINISH		
		WEIGHT: -		
		CUSTOMER DRAWING		
		SCALE: 2:1	SHEET 1 OF 2	
			REV A7	



Section 10

Material, Performance Test Results

Certificate of Analysis

Customer:	Product Number	: 57194936
TE CONNECTIVITY CORPORATION	Product Name	: ULTRAMID® A3HG7 UNCOLORED
8000 PIEDMONT TRIAD PKWY		POLYAMIDE 726KG FIBREBOARD IBC
GREENSBORO NC 27409-9407	Vehicle	:
	Batch/Lot	: WF0084093
	Manuf.Date	: Mar-24-2020
Attention:	Shipped Date	:
FAX:	Shipped Quantity	: 25,608.896 LB
Cust Prod: 1573375-1	Delivery Date	: Apr-27-2020
Cust Prod Name: ULT.A3HG7 UN 726KG 11G	Order Number	: 117518974 000010
Cust P.O.: 2711878812		
Cust P.O. Line: 1	Delivery Note	: 144464512 900001

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	----Specification----		Test Method
			Minimum	Maximum	
Ash / Filler Content	34.66	%	33.00	37.00	ASTM5630/ISO3451
Moisture Content	0.06	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	144	ml/g	130	154	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

GMP.PA66.013
GMW3038P-PA66-GF35H
GMW16802P-PA66-GF35
ASTM D6779 PA012G35
N28 BN02-GF074

Please note: ASTM D4066 has been replaced by ASTM D6779 PA012G35

Certificate of Analysis**Customer:**

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:**FAX:**

Cust Prod: 1573375-1

Cust Prod Name: ULT.A3HG7 UN 726KG 11G

Cust P.O.: 2711878812

Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number

: 57194936

Product Name

: ULTRAMID® A3HG7 UNCOLORED
POLYAMIDE 726KG FIBREBOARD IBC

Vehicle

:

Batch/Lot

: WF0084093

Manuf.Date

: Mar-24-2020

Shipped Date

:

Shipped Quantity

: 25,608.896 LB

Delivery Date

: Apr-27-2020

Order Number

: 117518974 000010

Delivery Note

: 144464512 900001

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

Certificate of Analysis

Color Concentrate



942 Brooks Avenue
Holland, MI 49423

Date: 2020-01-23
Report # UH-098469-001
Revision # 0

Phone 616-394-3800
Toll Free 800-44-COLOR / 800-442-6567
Fax 616-394-3824
Website www.uniformcolor.com

Customer: TE CONNECTIVITY CORPORATION - CORPORATE
Ship-To: TE CONNECTIVITY CORPORATION
TE NORTH CAROLINA DC COMPONENTS
8000 PIEDMONT TRIAD PKWY

GREENSBORO, NC 27409
United States

Lot Number	Product Code	Specification	Part Number	PO Number	Production Date
C0000534996	52-93512 BLACK NIGRISENE	QAWI-036	1573155-8	2710714849	2020-01-08

Light Source	Master	LDR	Tolerance	Resin Designed For	Product Form
		25 :1	1CRITICAL	DUPONT 70G13L	COLOR CONCENTRATE

The data below was obtained on the material indicated and is subject to the deviation inherent in the specified test methods.
Results may vary under other test methods or conditions.

Test Description	Test Method	Specification		Test Results	Units
		Minimum	Maximum		
Visual Color Approval	ASTM D1729 In-house			Pass	Pass/Fail

Comments/Notations:

After review of quality records, this material has been produced and approved for release, meeting all specification requirements agreed upon between customer and Uniform Color Company.

210907061

This document is produced digitally and is valid without a signature.
Questions? Email: quality@uniformcolor.com

Data is supplied for information only, and is provided without warranty as to the accuracy or completeness of the data. Without limiting the foregoing, Uniform Color Company DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A

Customer Name
52-93512 [database=UCC X-Ritev8.1]

ILL 1 D65-10

l:c 2.00

<u>Standard Nam</u>	<u>L*</u>	<u>a*</u>	<u>b*</u>	<u>C*</u>	<u>h°</u>
52-93512	25.84	0.15	-0.61	0.62	283.84

<u>Trial Name</u>	<u>DL*</u>	<u>Da*</u>	<u>Db*</u>	<u>DC*</u>	<u>DH*</u>	<u>DE*</u>	<u>DEcmc</u>
C0000534996	-0.28	-0.00	-0.13	0.13	-0.03	0.31	0.27

TE North Carolina DC Componets
8000 Piedmont Triad Pkwy
Greensboro NC 27409

Date of delivery

01/06/2020

Requisition No.

2710521959 /

Order No.

10798203 / 000003 / 12/09/2019

Delivery note

26770063

Date of requisition

12/09/2019

Customer No. Fax

90128462

Customer material

2136320-1 B

ELASTOSIL® LR 3088/30 B HD US

date of issue: 01/06/2020

Material	60083243	Batch	402611	NET	190.000 kg (418.878 LBS)	Date of manufacture	12/18/2019	Best use before end	12/17/2020
----------	-----------------	-------	---------------	-----	--------------------------------------	---------------------	-------------------	---------------------	-------------------

Technical data	Test method/Inspection condition	Unit	Measured value	Lower limit	Upper limit
DUROMETER A/B-BLEND NPB	1110	nounit	32	26	34
TENSILE A/B-BLEND NPB MPA	1160	MPa	8.3	5.5	15.0
ELONGATION A/B-BLEND NPB	1160	%	664	450	1500
COMPRESSION SET 22/350 A/B NPB	1114	%	12	0	25
SPECIFIC GRAVITY	1154	nounit	1.13	1.12	1.16
TEAR-B A/B-BLEND NPB KN/M	1160	kN/m	21.0	10.0	100.0
CURE INITIATION TEMPERATURE	1359	°C	118	113	125
VISCOSITY A D=0.89	3277	mPa.s	985000	300000	2000000
VISCOSITY A D=10	3277	mPa.s	245000	80000	400000
VISCOSITY B D=0.89	3277	mPa.s	789000	300000	2000000
VISCOSITY B D=10	3277	mPa.s	209000	80000	400000
BLEED CHECK UP TO 24 HOURS	1287	-	positive	-	-

Wacker Chemical Corporation, Adrian/MI
Quality Management, John Poelstra
Telefax +1 (517) 266-8012

This certificate was issued by machine and is valid without a signature.

This data does not absolve the purchaser from checking the quality of all supplies immediately on receipt, particularly regarding the possible influences of transport and intermediate storage conditions over which we have no control.
All sales of this product shall be subject to our General Conditions of Sale.

TE North Carolina DC Componets
8000 Piedmont Triad Pkwy
Greensboro NC 27409

Date of delivery

01/06/2020

Requisition No.

2710521959 /

Order No.

10798203 / 000003 / 12/09/2019

Delivery note

26770063

Date of requisition

12/09/2019

Customer No. Fax

90128462

Customer material

2136320-1 B

ELASTOSIL® LR 3088/30 B HD US

date of issue: 01/06/2020

Material	60083243	Batch	402612	NET	380.000 kg (837.757 LBS)	Date of manufacture	12/19/2019	Best use before end	12/18/2020
----------	-----------------	-------	---------------	-----	--------------------------------------	---------------------	-------------------	---------------------	-------------------

Technical data	Test method/Inspection condition	Unit	Measured value	Lower limit	Upper limit
DUROMETER A/B-BLEND NPB	1110	nounit	31	26	34
TENSILE A/B-BLEND NPB MPA	1160	MPa	8.3	5.5	15.0
ELONGATION A/B-BLEND NPB	1160	%	671	450	1500
COMPRESSION SET 22/350 A/B NPB	1114	%	10	0	25
SPECIFIC GRAVITY	1154	nounit	1.13	1.12	1.16
TEAR-B A/B-BLEND NPB KN/M	1160	kN/m	19.7	10.0	100.0
CURE INITIATION TEMPERATURE	1359	°C	117	113	125
VISCOSITY A D=0.89	3277	mPa.s	940000	300000	2000000
VISCOSITY A D=10	3277	mPa.s	252000	80000	400000
VISCOSITY B D=0.89	3277	mPa.s	814000	300000	2000000
VISCOSITY B D=10	3277	mPa.s	209000	80000	400000
BLEED CHECK UP TO 24 HOURS	1287	-	positive	-	-

Wacker Chemical Corporation, Adrian/MI
Quality Management, John Poelstra
Telefax +1 (517) 266-8012

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All sales of this product shall be subject to our General Conditions of Sale.

TE North Carolina DC Componets
8000 Piedmont Triad Pkwy
Greensboro NC 27409

Date of delivery

01/06/2020

Requisition No.

2710521959 /

Order No.

10798203 / 000003 / 12/09/2019

Delivery note

26770063

Date of requisition

12/09/2019

Customer No. Fax

90128462

Customer material

2136320-1 B

ELASTOSIL® LR 3088/30 B HD US

date of issue: 01/06/2020

Material	60083243	Batch	402613	NET	380.000 kg (837.757 LBS)	Date of manufacture	12/19/2019	Best use before end	12/18/2020
----------	-----------------	-------	---------------	-----	--------------------------------------	---------------------	-------------------	---------------------	-------------------

Technical data	Test method/Inspection condition	Unit	Measured value	Lower limit	Upper limit
DUROMETER A/B-BLEND NPB	1110	nounit	31	26	34
TENSILE A/B-BLEND NPB MPA	1160	MPa	7.9	5.5	15.0
ELONGATION A/B-BLEND NPB	1160	%	669	450	1500
COMPRESSION SET 22/350 A/B NPB	1114	%	10	0	25
SPECIFIC GRAVITY	1154	nounit	1.13	1.12	1.16
TEAR-B A/B-BLEND NPB KN/M	1160	kN/m	22.3	10.0	100.0
CURE INITIATION TEMPERATURE	1359	°C	118	113	125
VISCOSITY A D=0.89	3277	mPa.s	946000	300000	2000000
VISCOSITY A D=10	3277	mPa.s	249000	80000	400000
VISCOSITY B D=0.89	3277	mPa.s	812000	300000	2000000
VISCOSITY B D=10	3277	mPa.s	206000	80000	400000
BLEED CHECK UP TO 24 HOURS	1287	-	positive	-	-

Wacker Chemical Corporation, Adrian/MI
Quality Management, John Poelstra
Telefax +1 (517) 266-8012

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TE North Carolina DC Componets
8000 Piedmont Triad Pkwy
Greensboro NC 27409

Date of delivery

01/06/2020

Requisition No.

2710521959 /

Order No.

10798203 / 000003 / 12/09/2019

Delivery note

26770063

Date of requisition

12/09/2019

Customer No. Fax

90128462

Customer material

2136320-1 B

ELASTOSIL® LR 3088/30 B HD US

date of issue: 01/06/2020

Material	60083243	Batch	402615	NET	190.000 kg (418.878 LBS)	Date of manufacture	12/19/2019	Best use before end	12/18/2020
----------	-----------------	-------	---------------	-----	--------------------------------------	---------------------	-------------------	---------------------	-------------------

Technical data	Test method/Inspection condition	Unit	Measured value	Lower limit	Upper limit
DUROMETER A/B-BLEND NPB	1110	nounit	33	26	34
TENSILE A/B-BLEND NPB MPA	1160	MPa	7.2	5.5	15.0
ELONGATION A/B-BLEND NPB	1160	%	628	450	1500
COMPRESSION SET 22/350 A/B NPB	1114	%	13	0	25
SPECIFIC GRAVITY	1154	nounit	1.14	1.12	1.16
TEAR-B A/B-BLEND NPB KN/M	1160	kN/m	24.5	10.0	100.0
CURE INITIATION TEMPERATURE	1359	°C	118	113	125
VISCOSITY A D=0.89	3277	mPa.s	1440000	300000	2000000
VISCOSITY A D=10	3277	mPa.s	322000	80000	400000
VISCOSITY B D=0.89	3277	mPa.s	1180000	300000	2000000
VISCOSITY B D=10	3277	mPa.s	275000	80000	400000
BLEED CHECK UP TO 24 HOURS	1287	-	positive	-	-

Wacker Chemical Corporation, Adrian/MI
Quality Management, John Poelstra
Telefax +1 (517) 266-8012

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This data does not absolve the purchaser from checking the quality of all supplies immediately on receipt, particularly regarding the possible influences of transport and intermediate storage conditions over which we have no control. All sales of this product shall be subject to our General Conditions of Sale.



CERTIFICATE OF CONFORMANCE

Q HOLDING COMPANY (Maquilla)
1700 HIGHLAND ROAD
R.F.C. QSM 1512154DA
TWINSBURG OH 44087
440-903-1827

DATE: 7/17/20
Pack Slip No: 3587-04
Customer: TE HARRISBURG
Customer PO: 2711183922

Part No. 2203979-1	QSR Part No. 00212131
Rev	Description GROMMET
Total Shipped 45,000	FG Lot Number 20111249

We Certify that all materials and processes used in the production of the finished part above conform to the requirements of the listed purchase order and/or applicable drawings and specifications.

Signature: _____

P. A. Arturo Peña

Title: _____

Quality Manager

Certificate of Analysis

Customer: TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Product Number : 52525636
Product Name : ULTRAMID® A3EG7 GREY 22906
POLYAMIDE 726KG FIBREBOARD IBC

Vehicle :
Batch/Lot : 0208872604
Manuf.Date : Mar-19-2020
Shipped Date :
Shipped Quantity : 17,606.116 LB
Delivery Date : May-08-2020
Order Number : 117496798 000010
Delivery Note : 144492731 900001

Attention:
FAX:
Cust Prod: 702661-7
Cust Prod Name: ULT.A3EG7 GR22906 726KG 11G
Cust P.O.: 2711743296
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	-----Specification-----		Test Method
			Minimum	Maximum	
Ash / Filler Content	35.69	%	33.00	37.00	ASTM5630/ISO3451
Moisture Content	0.06	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	148	ml/g	130	160	ISO 307

Comments :
Results shown are the means of individual test values determined on samples taken during production of the lot specified.

214 16 0 267

Certificate of Analysis

Certificate Type:

Insp. certificate "3.1" EN
10204

Date printed: NOV/01/2019



TE CONNECTIVITY

PO BOX 3608
Pennsylvania
17105-3608
HARRISBURG
USA

Shipped from details:

SABIC INNOVATIVE PLASTICS
CANADA INC.
44 NORMAR RD
K9A 4K2
COBOURG
Canada

Material Number	22017722
Material Description	DR51-6187-OCT-00-00-00
Material Group	VALOX# resin
Batch Number	0011250608
Manufacturing Plant	Cobourg
Manufacturing Date	AUG/30/2019

Characteristic	Unit	Value	Lower Limit	Upper Limit	Inspection method
APPNT MELT VISC 250°C 1000/S	poises	2728	2100	3600	ASTM D3835
DENSITY	g/cm3	1.4101	1.390	1.440	ISO 1183
DSC TM 10°C	°C	224	219.0		ISO 11357
FLEXURAL MODULUS, 4.0MM	GPa	11.93	3.8		ISO 178
FLEX MODULUS SECANT, 3.2MM	lb / in2	809600.	600000.		ASTM D790
HDT FW 1.80MPa 4.0MM	°C	191.3	164.0		ISO 75-1,2
HDT EW 1.82MPa 3.2MM	°C	201.3	170.0		ASTM D648
IZOD IMPACT NOTCH 23°C, 3.2MM	ftlb/in	1.2	0.6		ASTM D256
DSC TM NO HOLD AT PEAK TEMP	°C	224	210.0	226.0	SABIC
GLASS CONTENT	%	15.5	13.0	17.0	ASTM D5630
MVR 250°C @2.16KG	CC/10'	10.5	9.0	14.0	ISO 1133
TENSILE MODULUS	MPa	5602	4920.0		ISO 527
TENSILE MODULUS	GPa	5.6	4.2		ISO 527
TENSILE STRENGTH @BREAK	MPa	104	84.0		ISO 527
TENSILE STRENGTH TYPE I	lb / in2	15664	11890.0		ASTM D638

Section 12

Qualified Laboratory Documentation

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that:

TE Connectivity Automotive Hermosillo
Amp Amermex, S.A. de C.V.
Blvd. Industrial Norte #23 y Blvd. Solidaridad
Col. Parque Industrial Hermosillo
Hermosillo
Sonora
83118
Mexico

operates a Quality Management System which complies with the requirements of IATF 16949:2016 for the following scope:

The Design and Manufacturing of electrical interconnecting devices.

For and on behalf of BSI:


Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-005

IATF Number: 0444975



Page: 1 of 4

...making excellence a habit.™

Certification Date: 2022-03-02

Latest Issue: 2022-03-02

Expiry Date: 2025-03-01

This certificate remains the property of BSI and shall be returned immediately upon request.

An electronic certificate can be authenticated [online](https://www.bsigroup.com/ClientDirectory). Printed copies can be validated at www.bsigroup.com/ClientDirectory

To be read in conjunction with the scope above or the attached appendix.

Further clarifications regarding the scope of this certificate and the applicability of IATF 16949 requirements may be obtained by consulting the organization.

IATF Contracted Office: BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Location

TE Connectivity Automotive Hermosillo
Amp Amermex, S.A. de C.V.
Blvd. Industrial Norte #23 y Blvd. Solidaridad
Col. Parque Industrial Hermosillo
Hermosillo
Sonora
83118
Mexico

Registered Activities

The Design and Manufacturing of electrical interconnecting devices.

Including the following remote support functions:

TE Connectivity Global Logistics
Blvd. Industrial Norte #23 y Blvd. Solidaridad
Col. Parque Industrial Hermosillo
Hermosillo
Sonora
83118
Mexico
Warehousing, Distribution

TE Connectivity
Global Automotive Division
Americas North
Carretera Internacional, KM 1969
Guadalajara-Nogales Km 2
Empalme
Sonora
85340
Mexico
Customer Service

TE Connectivity
Global Automotive Division
Americas North
2100 Paxton Street
Harrisburg
Pennsylvania
17111
USA
Testing, Laboratory

TE Connectivity
Global Automotive Division
Americas North
2901 Fulling Mill Road
Middletown
Pennsylvania
17057
USA
Customer Service, Product design, Testing

BSI Certificate Number: 514458-005

IATF Number: 0444975



Certification Date: 2022-03-02

Latest Issue: 2022-03-02

Expiry Date: 2025-03-01

Page: 2 of 4

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An electronic certificate can be authenticated [online](https://www.bsigroup.com/ClientDirectory). Printed copies can be validated at www.bsigroup.com/ClientDirectory

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IATF Contracted Office: BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Americas Headquarters: BSI Group America Inc., 12950 Worldgate Drive, Suite 800, Herndon, VA 20170-6007 USA
A Member of the BSI Group of Companies.

Location

Registered Activities

TE Connectivity
Global Automotive Division
Americas North
900 Wilshire Boulevard
Suite 150
Troy
Michigan
48084
USA
Product design, Engineering, R&D

TE Connectivity
Global Automotive Division
Americas North
3800 Reidsville Road
Winston-Salem
North Carolina
27102
USA
Strategic planning, Process design, Product design, Sales,
Calibration, Testing, Purchasing, Supplier management,
Warranty management, Quality system management

TE Connectivity
3900 Reidsville Road
Winston Salem
North Carolina
27101
USA
Process design, Testing

TE Connectivity
3920 Reidsville Road
Winston Salem
North Carolina
27101
USA
Testing

TE Connectivity West Coast
Distribution Center
1643 South Parco Avenue
Ontario
California
91761
USA
Distribution, Logistics, Packaging, Warehousing

BSI Certificate Number: 514458-005

IATF Number: 0444975



Certification Date: 2022-03-02

Latest Issue: 2022-03-02

Expiry Date: 2025-03-01

Page: 3 of 4

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To be read in conjunction with the scope above or the attached appendix.

Further clarifications regarding the scope of this certificate and the applicability of IATF 16949 requirements may be obtained by consulting the organization.

IATF Contracted Office: BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Location

Registered Activities

TE Connectivity Global Automotive
Division Americas North
32 Celerity Wagon St.
El Paso
Texas
79906
USA
Distribution, Logistics, Packaging, Warehousing



BSI Certificate Number: 514458-005

IATF Number: 0444975



Certification Date: 2022-03-02

Latest Issue: 2022-03-02

Expiry Date: 2025-03-01

Page: 4 of 4

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Americas Headquarters: BSI Group America Inc., 12950 Worldgate Drive, Suite 800, Herndon, VA 20170-6007 USA
A Member of the BSI Group of Companies.



Section 17

Records of Compliance with Customer-Specific Requirements

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

Name [ID]: **Tyco Electronics GAD
[913]**

DUNS Number: -

Street/Postal Code: **Amperestr. 12-14**

Nat./ZipCode/City: **DE 64625 Bensheim**

Supplier Code: -

Contact Person: **IMDS Team (India)
Engineering Services**

- Phone: -

- Fax No.: -

- E-Mail Address: **IMDS@te.com**

1.2 Product Identification

Part/Item No.: **2203973-9**

Description: **26 Pos Sealed Female
Assembly**

Report No.: -

Date of Report: -

Drawing No.: -

Drawing dated: -

Drawing Change Level: -

Purchase Order No.: -

Bill of Delivery No.: -

Preliminary MDS: **No**

Multi Sourced: **No**

IMDS ID / Version: **733112306 / 2**

Node ID: **791275505**

MDS Status (Change
Date): **Internally released
(12/10/2018)**

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.:2203973-9

Report No.: -

Description:26 Pos Sealed Female Assembly

IMDS ID / Version:733112306 / 2

Node ID:791275505

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
1	26 Pos Sealed Female Assembly	2203973-9	733112306 / 2		42.5386				
2	26 Pos Inner Housing-Black	2203975-1	491858624 / 3	1	11.2				Yes
3	PA66-GF35	1573375-1 + 1573155-8	651026957 / 3		11.2			5.1.a	Recyclate No Content of bio-based material No
4	PA66-GF35	1573375-1	291430537 / 2			97.5		5.1.a	

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
5	Further Additives, not to declare	system				1			
5	GF-Fibre	-				35			
5	PA66	-				63.8			
5	N,N'-Diphenyl-p-phenylenediamine	74-31-7				0.2		D	
4	PA6 MASTERBATCH (52-93512)	1573155-8	544113589 / 2			2.5	2 - 3	5.1.b	
5	C.I. solvent black 7	8005-02-5				30	29 - 31		
5	Polyamid6	25038-54-4				70	69 - 71		
2	26 Pos Sealed Outer Housing - Black	2203974-7	733109593 / 2	1	16.8				Yes
3	PA66-GF35	1573375-1 + 1573155-8	651026957 / 3		16.8			5.1.a	Recyclate No Content of bio-based material No
4	PA66-GF35	1573375-1	291430537 / 2			97.5		5.1.a	
5	Further Additives, not to declare	system				1			
5	GF-Fibre	-				35			
5	PA66	-				63.8			
5	N,N'-Diphenyl-p-phenylenediamine	74-31-7				0.2		D	
4	PA6 MASTERBATCH (52-93512)	1573155-8	544113589 / 2			2.5	2 - 3	5.1.b	
5	C.I. solvent black 7	8005-02-5				30	29 - 31		
5	Polyamid6	25038-54-4				70	69 - 71		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
2	Seal Peripheral MCON 1.2mm Connector-Green	0-2203978-1	495682945 / 2	1	0.93				Yes
3	VMQ	TEC-100-1167	54383203 / 8		0.93			5.3	Recyclate No Content of bio-based material No
4	Pigment portion, not to declare	system				1	0 - 2		
4	VMQ	-				99			
2	Matt Seal, 26 Pos. Pass Thru Plug	2203979-1	538702205 / 3	1	3.503				Not Applicable
3	VMQ	A2361QWB5			3.503			5.3	Recyclate No Content of bio-based material No
4	VMQ	-				57.1	56 - 58		
4	Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	68083-18-1				38			
4	Silicon dioxide	7631-86-9				0.9			
4	Siloxanes and silicones, di-Me, Me Ph	63148-52-7				3.1			
4	Dimethylsilicone	63148-62-9				0.25			
4	Cobalt-aluminate-blue-spinel	1345-16-0				0.25		D	
4	Titanium-dioxide	13463-67-7				0.4			
2	26 POS Sealed ISL (Independent Secondary Lock) - Light Grey	2203976-1	483901358 / 3	1	1.0676				Yes
3	PA66-GF35	702661-7	7139586 / 3		1.0676			5.1.a	Recyclate No Content of bio-based material No
4	PA66	-				63			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
4	Further Additives, not to declare	system				1			
4	GF-Fibre	-				35			
4	Pigment portion, not to declare	system				1			
2	36 Position Sealed Hybrid CPA - Red	0-2138321-1	352552116 / 2	1	2.268				Yes
3	PBT-GF15	VALOX* DR51	3236073 / 12		2.268			5.1.a	Recyclate No Content of bio-based material No
4	PBT	-				83.809524	80 - 90		
4	GF-Fibre	-				13.904762	12 - 17		
4	Further Additives, not to declare	system				1.142857	0 - 3		
4	Pigment portion, not to declare	system				1.142857	0 - 3		
2	26P Sealed (MCON 1.2) Lever - Light Grey	2203977-1	494069171 / 3	1	6.77				Not Applicable
3	PA66-GF35	702661-7	7139586 / 3		6.77			5.1.a	Recyclate No Content of bio-based material No
4	PA66	-				63			
4	Further Additives, not to declare	system				1			
4	GF-Fibre	-				35			
4	Pigment portion, not to declare	system				1			
This is an uncontrolled copy of a document created by IMDS. End of the report.									

IMDS ID / Version: 733112306 / 2
User: Samayoa, Beatriz

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Date: 7/22/24 8:53:40 PM



Multi Sourced Component



Section 18

Part Submission Warrant

Part Submission Warrant

EPPAP:

Part Name _____ Cust. Part Number _____

Shown on Drawing Number _____ Org. Part Number _____

Engineering Change Level _____ Dated _____

Additional Engineering Changes _____ Dated _____

Safety and/or Government Regulation Yes No Purchase Order No. _____ Weight (kg) _____

Checking Aid Number _____ Checking Aid Engineering Change Level _____ Dated _____

ORGANIZATION MANUFACTURING INFORMATION

CUSTOMER SUBMITTAL INFORMATION

Organization Name and Supplier Code _____

Street Address _____

City _____ Region _____ Postal Code _____ Country _____

Customer Name/Division _____

Buyer/Buyer Code _____

Application _____

MATERIALS REPORTING

Has customer-required Substance of Concern information been reported Yes No NA

Submitted by IMDS or other customer format _____

Are polymeric parts identified with appropriate ISO marking codes? Yes No NA

REASON FOR SUBMISSION (Check at least one)

Initial submission	Change to Optional Construction or Material
Engineering Change(s)	Sub-Supplier or Material Source Change
Tooling: Transfer, Replacement, Refurbishment, or additional	Change in Part Processing
Correction of Discrepancy	Parts Produced at Additional Location
Tooling Inactive > than 1 year	Other - please specify _____

REQUESTED SUBMISSION LEVEL (Check one)

Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.

Level 2 - Warrant with product samples and limited supporting data submitted to customer.

Level 3 - Warrant with product samples and complete supporting data submitted to customer.

Level 4 - Warrant and other requirements as defined by customer.

Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for dimensional measurement material and functional tests appearance criteria statistical process package

These results meet all design record requirements: Yes No (If "No" - Explanation Required)

Mold / Cavity / Production Process _____

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of **Production Rate is TE Proprietary**.

I also certify that documented evidence of such compliance is on file and is available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS

Is each Customer Tool properly tagged and numbered? Yes No NA

Organization Authorized Signature *Christian Pujol* Date _____

Print Name _____ Phone No. _____ Fax _____

Title _____ Email _____

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : Approved Rejected Other _____

Customer Signature _____ Date _____

Print Name _____ Customer Tracking Number (optional) _____