



Part Submission Warrant

23-EPPAP207432

Part Name 6 POS SSC PLUG ASSY, BLKD CKTS Cust. Part Number 184452-1

Shown on Drawing Number C-184452 Org. Part Number 184452-1

Engineering Change Level A Dated 13/08/2004

Additional Engineering Changes N/A Dated N/A

Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order No. N/A Weight (kg) 0.0143

Checking Aid Number N/A Checking Aid Engineering Change Level N/A Dated N/A

ORGANIZATION MANUFACTURING INFORMATION

TE Connectivity Automotive Empalme 588115092
Organization Name and Supplier Code

Carr. Internal Km 1969 Guadalajara-Nogales Km. 2
Street Address

Empalme n/a 85340 Mexico
City Region Postal Code Country

CUSTOMER SUBMITTAL INFORMATION

Nursan Otomotiv Ltd.
Customer Name/Division

N/A
Buyer/Buyer Code

All Models
Application

MATERIALS REPORTING

Has customer-required Substance of Concern information been reported ☒ Yes ☐ No ☐ n/a
Submitted by IMDS or other customer format 11154295 / 12

Are polymeric parts identified with appropriate ISO marking codes?

☐ Yes ☐ No ☒ n/a

REASON FOR SUBMISSION (Check at least one)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Initial submission | <input type="checkbox"/> Change to Optional Construction or Material |
| <input type="checkbox"/> Engineering Change(s) | <input type="checkbox"/> Sub-Supplier or Material Source Change |
| <input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional | <input type="checkbox"/> Change in Part Processing |
| <input type="checkbox"/> Correction of Discrepancy | <input type="checkbox"/> Parts Produced at Additional Location |
| <input type="checkbox"/> Tooling Inactive > than 1 year | <input type="checkbox"/> 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 Assembly

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 / hours

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 ☒ N/A

Organization Authorized Signature Jorge Passareiro Date 19/01/2023

Print Name Jorge Passareiro Phone No. (+351)266248624 Fax n/a

Title Quality Engineer Email jorge.passareiro@te.com

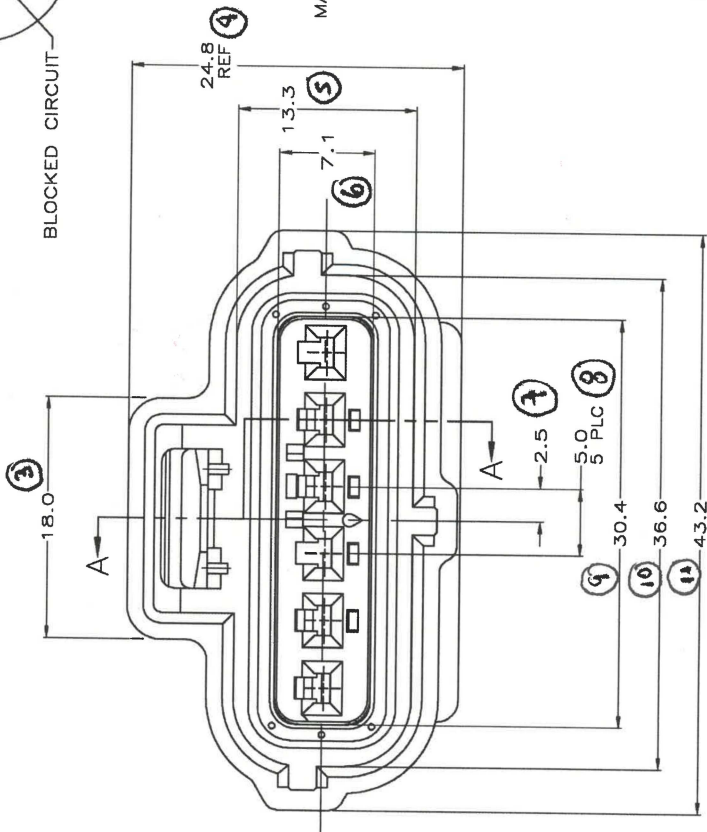
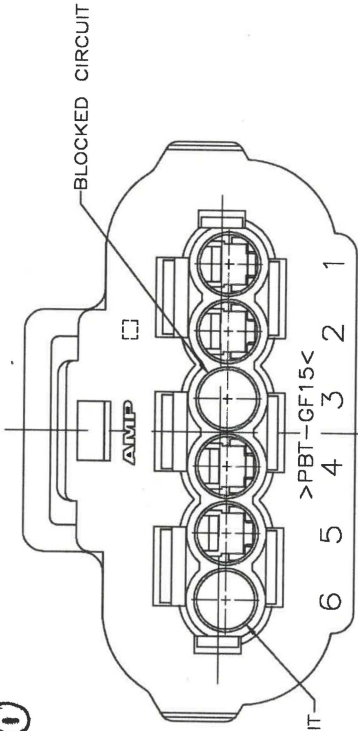
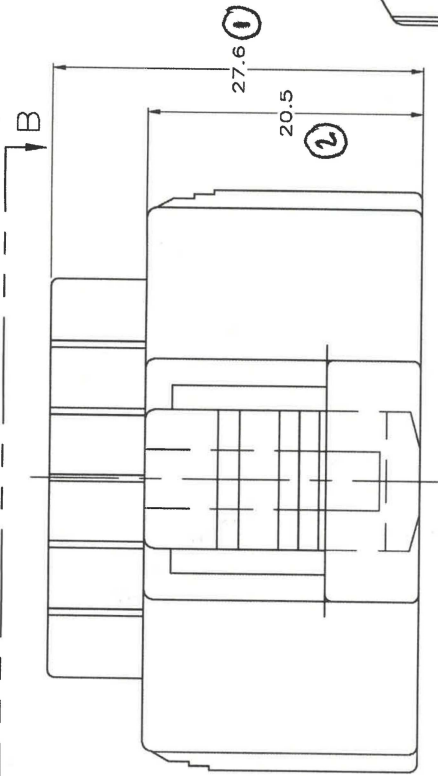
FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : ☐ Approved ☐ Rejected ☐ Other

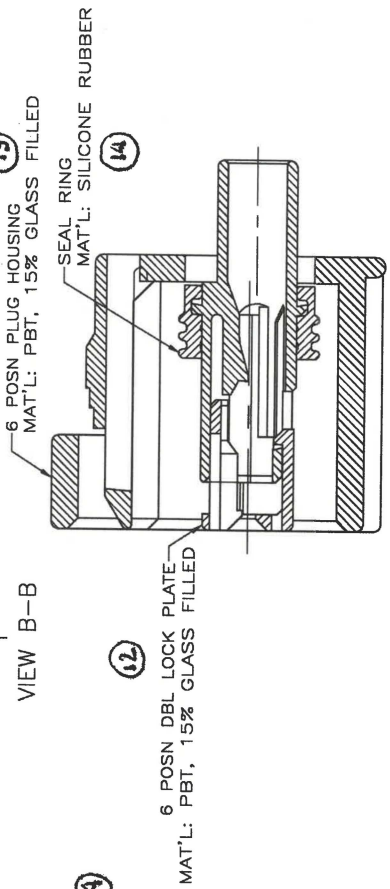
Customer Signature Date

Print Name Customer Tracking Number (optional)

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GE 00		A		EC 0K40-0177-04		13AUG04	
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A		A		A		JRB/KLC	



NOTES:
 1. CIRCUITS 3 AND 6 ARE BLOCKED.



SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DL DRUMMOND		184452-1	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		PART NUMBER	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		TYCO ELECTRONICS CORPORATION	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		HARRISBURG, PA 17105-3608	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		PLUG ASSEMBLY, 6 POSITION, SEALED SENSOR CONNECTOR	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		RESTRICTED TO	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		A2 00779	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		SCALE 4:1	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		SHEET 1 OF 1	
APPROVED FOR RELEASE		APPROVED FOR RELEASE		REV A	

Digitally signed
 by Noemi
 Correa
 Date: 2018.11.21
 16:24:54 -0700





Production Part Approval

DIMENSIONAL TEST RESULTS



TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined calibration and/or testing scope.

Organization: TE Connectivity					Part Number: 184452-1								
Supplier/Vendor Code: N/A					Part Name: PLUG ASSEMBLY, 6 POSITION, SEALED SENSOR CONNECTOR								
INSPECTION FACILITY:					Design Record Change Level: DWG: C - 184452 REV: A								
TE Connectivity Empalme Metrology lab					Engineering Change Documents: N/A								
# Folio: 43839					Page 1 of 1								

Item	Dim./Spec.	Spec. / Limits		Units	Organization Measurement Results (Data)						Ok	Not Ok	Instrument # ID
		tol +	tol -		SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6			
1	27.6	0.3	0.3	mm	27.49	27.48	27.48	27.44	27.43	27.41	✓		LMMC-007
2	20.5	0.3	0.3	mm	20.28	20.26	20.25	20.28	20.26	20.27	✓		LMMC-007
3	18.0	0.3	0.3	mm	17.85	17.85	17.85	17.93	17.87	17.93	✓		LMMC-007
4	24.8	REFERENCE		mm	24.76	24.76	24.75	24.77	24.76	24.75	✓		LMMC-007
5	13.3	0.3	0.3	mm	13.42	13.42	13.48	13.43	13.44	13.44	✓		LMMC-007
6	7.1	0.3	0.3	mm	7.16	7.16	7.17	7.16	7.13	7.18	✓		LMMC-007
7	2.5	0.3	0.3	mm	2.49	2.50	2.50	2.49	2.48	2.49	✓		LMMC-007
8	5.0	0.3	0.3	mm	4.99	4.99	4.99	5.00	4.99	4.99	✓		LMMC-007
	5.0	0.3	0.3	mm	5.01	5.00	5.01	5.00	5.01	5.01	✓		
	5.0	0.3	0.3	mm	4.98	4.98	4.98	4.99	4.98	4.98	✓		
	5.0	0.3	0.3	mm	5.00	5.00	5.00	5.00	5.00	5.00	✓		
	5.0	0.3	0.3	mm	5.00	5.00	5.00	5.00	5.00	4.99	✓		
9	30.4	0.3	0.3	mm	30.20	30.21	30.21	30.22	30.21	30.22	✓		LMMC-007
10	36.6	0.3	0.3	mm	36.57	36.60	36.59	36.58	36.62	36.62	✓		LMMC-007
11	43.2	0.3	0.3	mm	43.31	43.33	43.35	43.32	43.28	43.31	✓		LMMC-007
12	6 POSN DBL LOCK PLATE MAT'L: PBT, 15% GLASS FILLED.				OK	OK	OK	OK	OK	OK	✓		
13	6 POSN PLUG HOUSING MAT'L: PBT, 15% GLASS FILLED.				OK	OK	OK	OK	OK	OK	✓		
14	SEAL RING MAT'L: SILICONE RUBBER.				OK	OK	OK	OK	OK	OK	✓		
15	CIRCUITS 3 AND 6 ARE BLOCKED.				OK	OK	OK	OK	OK	OK	✓		
CONCLUSION:													
TOTAL # OF FEATURES 90													
LESS BASIC DIMENSIONS 0													
LESS REFERENCE DIMENSIONS 6													
REPORTED DIMENSIONS 84													
# DIMENSIONS IN TOLERANCE 84													
# DIMENSIONS OUT OF TOLERANCE 0													
% DIMENSION IN TOLERANCE 100.00 %													
% DIMENSION OUT OF TOLERANCE 0.00 %													

March 2006 CFG-1003

AEF004J-EG Rev: J

SIGNATURE
Daniel Zazueta

TITLE
Metrology Chief

DATE
November 22, 2018



Section 10

Material, Performance Test Results

[illegible]

CFG-1004

Blanket statements of conformance are unacceptable for any test results.

SIGNATURE	TITLE	DATE
J ROMERO	QT	11/26/2018

Certificate of Analysis

Customer:	Product Number	: 52736788
	Product Name	: ULTRADUR® B 4300 G3 UNCOLORED POLYBUTYLENE TEREPHTHALATE 726KG FIBREBOARD IBC (11G)
TE CONNECTIVITY CORPORATION 8000 PIEDMONT TRIAD PKWY GREENSBORO NC 27409-9407	Vehicle	:
	Batch/Lot	: WF8208061
	Manuf.Date	: Jul-27-2018
Attention:	Shipped Date	:
FAX:	Shipped Quantity	: 12,804.448 LB
Cust Prod: 704734-4	Delivery Date	: Oct-08-2018
Cust Prod Name: ULD.B4300G3 UN 726KG 11G	Order Number	: 116381224 000010
Cust P.O.: 2705874958		
Cust P.O. Line: 1	Delivery Note	: 129562599 900001
Inspection Certificate 3.1 according to EN 10204		

Characteristic	Result	UOM	-----Specification-----		
			Minimum	Maximum	Test Method
Ash / Filler Content	15.0	%	13.0	17.0	ASTM5630/ISO3451
Moisture Content	0.02	%	0.01	0.04	ASTM D6869 / ISO 15512B
Viscosity Number for PBT, PSU and PES	116	ml/g	98	118	ISO1628 (Phenol/Dichlorb.

Comments :

The data shown are the results of tests performed on the lot specified.

This product is approved to the following specifications:

GMP.PBTP.006
GMW16733

Certificate of Analysis

Customer:	Product Number	: 52498182
	Product Name	: ULTRADUR® B 4300 G3 BLACK 5110 POLYBUTYLENE TEREPHTHALATE 726KG FIBREBOARD IBC (11G)
TE CONNECTIVITY CORPORATION 8000 PIEDMONT TRIAD PKWY GREENSBORO NC 27409-9407	Vehicle	:
	Batch/Lot	: WF8276061
	Manuf.Date	: Oct-03-2018
Attention:	Shipped Date	:
FAX:	Shipped Quantity	: 11,203.892 LB
Cust Prod: 704734-1	Delivery Date	: Oct-18-2018
Cust Prod Name: ULD.B4300G3 BK5110 726KG 11G	Order Number	: 116409789 000010
Cust P.O.: 2705991002		
Cust P.O. Line: 1	Delivery Note	: 129602443 900001
Inspection Certificate 3.1 according to EN 10204		

Characteristic	Result	UOM	-----Specification-----		Test Method
			Minimum	Maximum	
Ash / Filler Content	15.0	%	13.0	17.0	ASTM5630/ISO3451
Moisture Content	0.02	%	0.01	0.04	ASTM D6869 / ISO 15512B
Viscosity Number for PBT, PSU and PES	108	ml/g	98	118	ISO1628 (Phenol/Dichlorob.

Comments :

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

This product is approved to the following specifications:

MS-DB400 CPN 3685
GMP.PBT.006
GMW16733
TC

220839707

Page 1 of 1

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.

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

Date of delivery

03/08/2018

Requisition No.

2703329059 /

Order No.

10340917 / 000002 / 01/02/2018

Delivery note

26044443

Date of requisition

01/02/2018

Customer No. Fax

90128462

Customer material

1573529-5 A

ELASTOSIL® LR 3088/40 NM A US

date of issue: 03/08/2018

Material	60064190	Batch	368539	NET	190.000 kg (418.878 LBS)	Date of manufacture	02/26/2018	Best use before end	08/25/2018
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Technical data	Test method/Inspection condition	Unit	Measured value	Lower limit	Upper limit
DUROMETER A/B-BLEND NPB	1110	nounit	43	35	45
TENSILE A/B-BLEND NPB PSI	1160	psi	1265	871	-
ELONGATION A/B-BLEND NPB	1160	%	531	400	-
TEAR-B A/B-BLEND NPB PPI	1160	lb/in	145	100	-
SPECIFIC GRAVITY	1154	nounit	1.13	1.10	1.16
CURE INITIATION TEMPERATURE	1359	°C	117.9	114.0	124.0
COMPRESSION SET 22/350 A/B NPB	1114	%	8	0	35

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.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016


This is to certify that:

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

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

Design and manufacture of electrical interconnecting devices.

For and on behalf of BSI:


Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-003

IATF Number: 0315420



Certification Date: 2018-07-11

Latest Issue: 2018-07-11

Page: 1 of 2

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Expiry Date: 2021-07-10

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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.

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

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

Registered Activities

Manufacture of interconnecting devices.

Including the following remote support functions:

TE Connectivity
Global Automotive Division
Americas North
900 Wilshire Boulevard
Suite 150
Troy, MI 48084
Design and Development.

TE Connectivity
Global Automotive Division
Americas North
Fulling Mill Road
Middletown, PA 17057
Design and Development, Product Testing and Customer Service.

TE Connectivity
Global Automotive Division
Americas North
3800 Reidsville Road
Winston-Salem, NC 27102
Design and Development, Product Testing and Calibration, Business Office (Quote Process) and Purchasing.

TE Connectivity
Global Automotive Division
Americas North
20 Esna Park Drive
Markham, Ontario
L3R 1E1 Canada
Design and Development and product testing (optics lab)

TE Connectivity
Global Automotive Division
Americas North
2100 Paxton Street
Harrisburg, PA 17111
Provision of Product Testing to TE Connectivity Manufacturing Sites.

TE Connectivity North Carolina
Distribution Center
8000 Piedmont Triad Parkway
Greensboro, North Carolina 27409
Receiving Inspection, Storage / Inventory.

BSI Certificate Number: 514458-003

IATF Number: 0315420



Certification Date: 2018-07-11

Latest Issue: 2018-07-11

Expiry Date: 2021-07-10

Page: 2 of 2

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