Part Submission Warrant

22/202474
revB

Part Name: 22Pos. 0.64 Generation Y Rec. Hsg Assy
Cust. Part Number: n/a
Shown on Drawing Number: C-2208021
Org.Part Number: 1-2208021-1
Engineering Change Level: B1
Dated: 14.09.2015
Additional Engineering Changes: n/a
Dated: n/a
Safety and/or Government Regulation: ☐ Yes ☑ No
Purchase Order No.: n/a
Weight (kg): 5.256 g
Checking Aid Number: n/a
Checking Aid Engineering Change Level: n/a
Dated: n/a

ORGANIZATION MANUFACTURING INFORMATION

TYCO ELECTRONICS BELGIUM EC BVBA / 370654167
Organization Name and Supplier Code

SIEMENSLAAN 14
Street Address

OOSTKAMP | Region | 8020 | Belgium
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: 519191050 / 5

Are polymeric parts identified with appropriate ISO marking codes? ☑ Yes ☐ No ☐ n/a

REASON FOR SUBMISSION (Check at least one)

- ☑ Initial submission
- ☐ Engineering Change(s)
- ☐ Tooling: Transfer, Replacement, Refurbishment, or additional
- ☐ Correction of Discrepancy
- ☐ Tooling Inactive > than 1 year
- ☐ Change to Optional Construction or Material
- ☐ Sub-Supplier or Material Source Change
- ☐ Change in Part Processing
- ☐ Parts Produced at Additional Location
- ☐ 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 prorietary / 8 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: PSW coversheet is additional to report no 22/170434
Report is still valid, no form-fit-function changes on this part.

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☑ n/a

Organization Authorized Signature: Vedak
Date: 11.11.2022

Print Name: Veda Kulkarni
Phone No.: +91 080 67022590
Fax: n/a

Title: Quality Manager
Email: vedak@te.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : ☐ Approved ☐ Rejected ☐ Other

Customer Signature
Date

Print Name
Customer Tracking Number (optional)

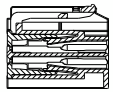
LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW DRAWING	03MAY2012	MK	GS
	B	SEE PCN E-14-017643	27NOV2014	MK	GS
	B1	SEE PCN E-15-013467	14SEP2015	SH	GS

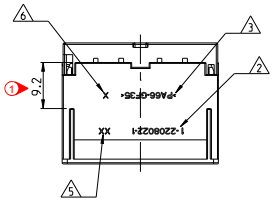
SPACER IN END-LOCK POSITION

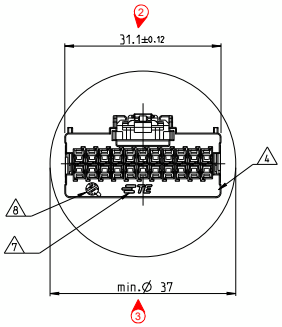
A-A

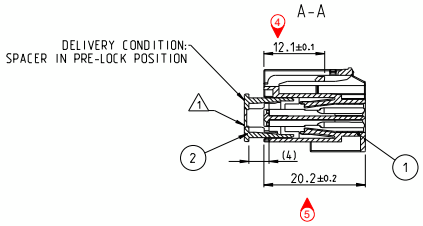


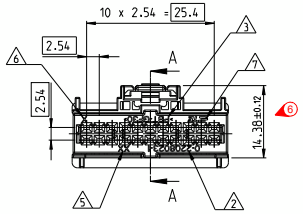
NOTE:

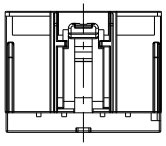
1. SPACER IN PRE-LOCK POSITION
2. PART NUMBER
3. MATERIAL INDENTIFICATION
4. TERMINAL POSITION NUMBERS
5. PRODUCT REVISION LEVEL
6. MOLD CAVITY NUMBER
7. COMPANY LOGO
8. PRODUCTION DATE
9. PACKAGING: CONNECTOR ASSEMBLIES TO BE TRAY PACKED IN CARDBOARD BOX



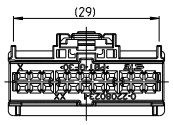








CODE A



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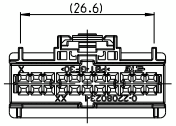
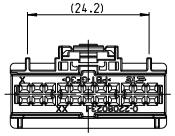
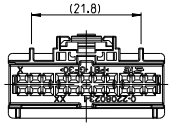


CODE C



CODE D



ASSY PN	REV	QUANTITY				MATERIAL	DESCRIPTION	COLOUR	ITEM NO
		1-2208074-4 COD. D	1-2208021-3 COD. C	1-2208021-2 COD. B	1-2208021-1 COD. A				
	B	1	1	1	1	PBT-GF30	SPACER	RED	2
	B	1				PA66-GF35	2x11 POS. FEMALE HSG. COD. D	GREEN	1
	B		1			PA66-GF35	2x11 POS. FEMALE HSG. COD. C	GREY	1
	B			1		PA66-GF35	2x11 POS. FEMALE HSG. COD. B	NATURE	1
	B				1	PA66-GF35	2x11 POS. FEMALE HSG. COD. A	BLACK	1

1-2208021-1 IS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES (UNLESS OTHERWISE SPECIFIED):
0 PLC ±0.3
1 PLC ±0.3
2 PLC ±.4
3 PLC ±.4
4 PLC ±.4
ANGLES ±1

MATERIAL -

FINISH -

DWN M. Kressmann 03MAY2012
CHK G. Steinbach 04MAY2012
APVD G. Mumper 04MAY2012
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 22 POS. 0.64 GENERATION Y REC. HSG. ASSY
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2208021	-

Customer Drawing SCALE 2:1 SHEET 1 OF 1 REV B1

Production Part Approval - Dimensional Results

Tyco tracking number:2020-116338

ORGANIZATION: TE Connectivity Belgium bvba	PART NUMBER: 1-2208021-1/-2/-3/-4
SUPPLIER/VENDOR CODE:	PART NAME: SLV WIR CONN FEM
INSPECTION FACILITY: QS	DESIGN RECORD CHANGE LEVEL: AELE E 12625180 150
	ENGINEERING CHANGE DOCUMENTS:

ITEM	DIMENSION/SPECIFICATION	SPECIFICATION/ LIMITS	TEST DATE	QTY TESTED	ORGANIZATION MEASUREMENT RESULTS (DATA)	OK	NOT OK
	C-2208021 rev B1 dd 14/09/2015						
					Tool: 21-1775881 (Vydyne)		
1	9.2	±0.3	7/02/2020	Cav.1	9.14...9.18	x	
				Cav.2	9.15...9.18	x	
				Cav.3	9.18...9.19	x	
				Cav.4	9.01...9.02	x	
				Cav.5	9.01...9.03	x	
				Cav.6	9.18...9.21	x	
				Cav.7	9.16...9.18	x	
				Cav.8	9.19...9.20	x	
2	31.1	±0.12	10/10/2019	Cav.1	31.12...31.13	x	
				Cav.2	31.14...31.15	x	
				Cav.3	31.11...31.15	x	
				Cav.4	31.11...31.16	x	
				Cav.5	31.13...31.18	x	
				Cav.6	31.12...31.16	x	
				Cav.7	31.11...31.15	x	
				Cav.8	31.14...31.16	x	
3	min. Ø 37		10/10/2019	Cav.1	ok	x	
				Cav.2	ok	x	
				Cav.3	ok	x	
				Cav.4	ok	x	
				Cav.5	ok	x	
				Cav.6	ok	x	
				Cav.7	ok	x	
				Cav.8	ok	x	
4	12.1	±0.1	10/10/2019	Cav.1	12.13	x	
				Cav.2	12.11	x	
				Cav.3	12.11	x	
				Cav.4	12.12	x	
				Cav.5	12.09	x	
				Cav.6	12.11	x	
				Cav.7	12.11	x	
				Cav.8	12.11	x	
5	20.2	±0.2	10/10/2019	Cav.1	20.06...20.28	x	
				Cav.2	20.08...20.23	x	
				Cav.3	20.06...20.30	x	
				Cav.4	20.10...20.32	x	
				Cav.5	20.13...20.32	x	
				Cav.6	20.04...20.22	x	
				Cav.7	20.04...20.23	x	
				Cav.8	20.08...20.22	x	
6	14.38	±0.12	10/10/2019	Cav.1	14.48...14.50	x	
				Cav.2	14.50...14.50	x	
				Cav.3	14.50...14.50	x	
				Cav.4	14.50...14.50	x	
				Cav.5	14.49...14.50	x	
				Cav.6	14.49...14.49	x	
				Cav.7	14.50...14.50	x	
				Cav.8	14.47...14.48	x	

based on CFG-1003
march 2006

Signature
Aline Decuypere

Title:
MQE

7/02/2020

Production Part Approval - Material Test Results

Tyco tracking nr:

ORGANIZATION: ***TE Connectivity Belgium bvba***	PART NUMBER: **1-2208021-1**
SUPLLIER/VENDOR CODE:	PART NAME: **22 pos 0.64 Gen Y rec hsg assy**
INSPECTION FACILITY: ***QS***	DESIGN RECORD CHANGE LEVEL:
	ENGINEERING CHANGE DOCUMENTS:

ITEM	DIMENSION/SPECIFICATION	SPECIFICATION/ LIMITS	TEST DATE	QTY TESTED	ORGANIZATION MEASUREMENT RESULTS (DATA)	OK	NOT OK
	Material						
1	Housing						
	PA66-GF35 black				see certificate 2136455-2_MT	x	
2	Spacer						
	PBT-GF30 red				see certificate 702350-4_MT	x	

Signature Title

Ascend Performance Materials Operations LLC
Nylon Plastics and Polymers
3000 Chemstrand Road
Cantonment, FL 32533
Telephone : (850)968-7000

TE CONNECTIVITY BELGIUM BVBA
C/O DSV SOLUTIONS NV
GENT 9042
Attention : DU GARDEIN SOFIE

Certificate Date : 01-Apr-22
Delivery No : 860170807
Shipped Qty : 8,818.342 Lbs
4,000.000 Kgs
Customer P.O. No: 4300040282
Container : 1-OCG-309

Certificate of Analysis

This certifies that Nylon Resin shipped to you from Ascend Performance Materials Operations LLC has been tested and found to meet required specifications.

This material was produced under a Quality System that meets ISO 9001:2015 and IATF 16949:2016 criteria.

If you have questions or concerns about this Certificate of Analysis, please contact Ascend Performance Materials Customer Operations at 1-888-927-2363.

Mechanical properties (Strength@Break) are measured in "dried as molded state".

Material: VYDYNE R535J BK0678 **Material No:** 10404207 **Batch No:** JI17TB01 **Date of Mfg:** 17-Sep-2021

Ascend Performance Materials Operations LLC Specification

Lot Data Property	Test Method	Min	Max	Result	Units
Ash	ISO 3451-1	33.00	37.00	35.68	%
Moisture	ASTM D6980		0.15	0.07	%
Tensile @ Brk.	ISO 527-1,2 / 1A	190		198	MPa
VISCOSITY NUM. SULFURIC	ISO 307	100.0	130.0	123.7	ml/g

Inspection certificate (EN 10204-3.1)

TE Connectivity Belgium BV
Marinka Meurice
Siemenslaan 14
B-8020 OOSTKAMP
E-mail: Marinka.meurice@te.com

Company
LANXESS Deutschland GmbH
Kennedyplatz 1
50569 KÖLN

Date: 03.03.2022

Material description

POCAN B 3235
300350
P.1000 OCTA M.BE HP W

Material

56430486

Customer order data

Your order no. of:	Ship-to party	Your product no.
2717725166 - 702350-4	3000014105 LXS c/o DSV Solutions N.V.	702350-4

Delivery data

Delivery no.	Delivered quantity	Planned delivery date	Order no.
3017280283 / 000010	7,946,000 KG	08.03.2022	3032989047 / 000010

Batch	Delivered quantity
0001176257	7,946,000 KG

The tests have been performed specific to the supplied material.

Inspection method/ Characteristic	Result	Specification	Unit
1) ISO 180/1U			
Impact strength Izod aIU (23°C)	60,3	>= 35,0	kJ/m²
2) DIN 6174 color difference CIELAB			
Delta L	-0,14		
Delta a	-0,48		
Delta b	-0,25		
Delta E	0,55		
3) Calc. from ash (sim. to ISO 3451-1/A)			
Glass fibre content	29,6	27,0 - 33,0	%
4) Sim. to DIN EN ISO 1133-1			
MVR 260°C; 2,16kg	16,2	10,0 - 21,0	cm³/10

Inspection certificate (EN 10204-3.1)

Contact for inqiries regarding this Certificate of Analysis:

Mr. Michael Weber Mail: michael.weber@lanxess.com

The data presented above relate to characteristics. They do not represent any assurance or warranty. This information does not release the customer from the obligation to carry out incoming inspections of goods, either as agreed or as required under the regulations.

This information has been issued by computer and is valid without signature.

Authorized inspection representative: Dr. Dietmar Klein