



Part Submission Warrant

23-EPPAP202423

Part Name 2.8MM BLD,UNSEAL,22AWG REVREEL Cust. Part Number 1326029-5

Shown on Drawing Number C-1326029 Org. Part Number 1326029-5

Engineering Change Level J1 Dated 19/11/2013

Additional Engineering Changes N/A Dated N/A

Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order No. N/A Weight (kg) 0.00056

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

ORGANIZATION MANUFACTURING INFORMATION

Tyco Electronics Corp / 825043995

Organization Name and Supplier Code

719 Pegg Road

Street Address

Greensboro n/a 27409 USA

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
Submitted by IMDS or other customer format

☒ Yes ☐ No ☐ n/a

72115647 / 7

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 / 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)



Production Part Approval Dimensional Test Results

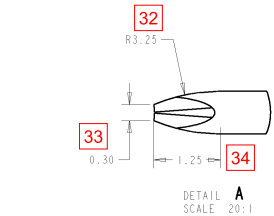
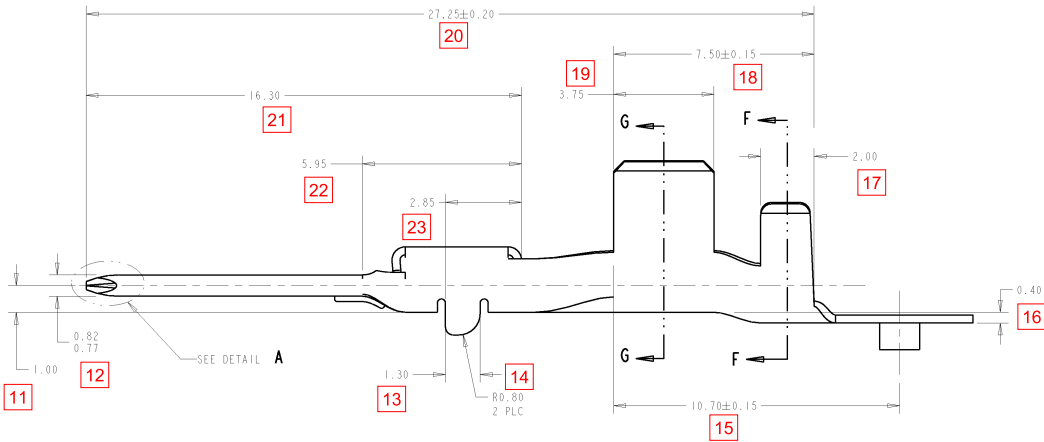
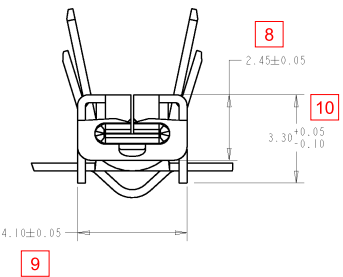
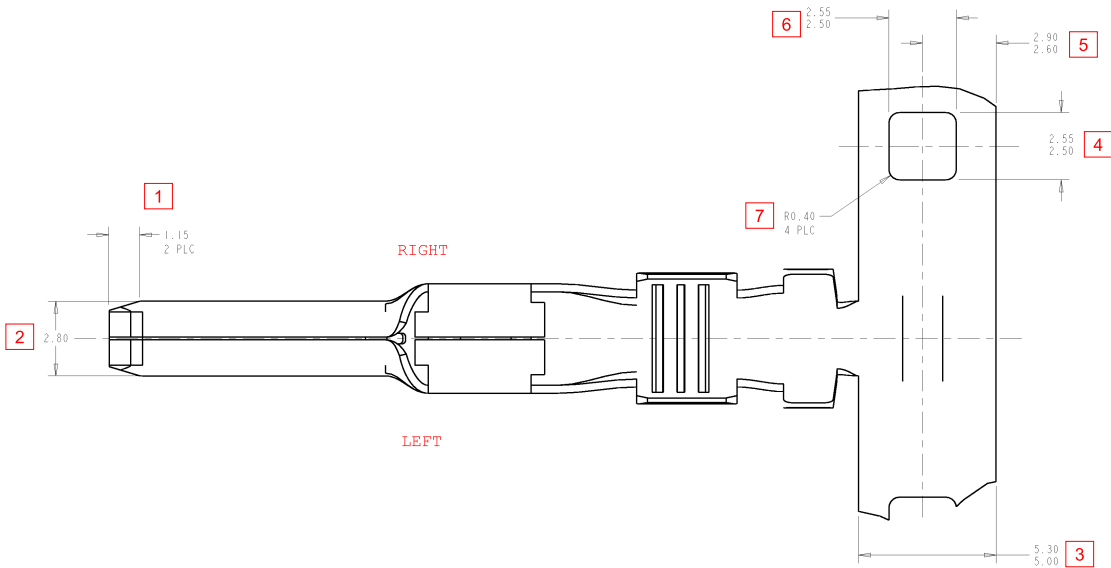
ORGANIZATION:		TE Connectivity					PART NUMBER: 1326029-2		
SUPPLIER/VENDOR CODE:							PART NAME: 2.8MM BLD,UNSEAL		
INSPECTION FACILITY		Siemers Inspection Service Inc. 713 W. Prairie Street Vicksburg, MI 49097					DESIGN RECORD CHANGE LEVEL: J ENGINEERING CHANGE DOCUMENTS:		
ITEM	DIM./SPEC	SPEC. / LIMITS TOL + TOL -		UNITS	DATE inspec	QTY. inspec	ORGANIZATIONAL MEASUREMENT RESULTS (DATA)	OK	NOT OK
1	1.15	0.1	0.1	mm	8/11/20	1	1.18	✓	
1	1.15	0.1	0.1	mm	8/11/20	1	1.17	✓	
2	2.80	0.1	0.1	mm	8/11/20	1	2.77	✓	
3	5.00	0.3	0	mm	8/11/20	1	5.07	✓	
4	2.50	0.05	0	mm	8/11/20	1	2.50	✓	
5	2.60	0.3	0	mm	8/11/20	1	2.60	✓	
6	2.50	0.05	0	mm	8/11/20	1	2.51	✓	
7	0.40	0.1	0.1	mm	8/11/20	1	0.40	✓	
7	0.40	0.1	0.1	mm	8/11/20	1	0.40	✓	
7	0.40	0.1	0.1	mm	8/11/20	1	0.41	✓	
7	0.40	0.1	0.1	mm	8/11/20	1	0.40	✓	
8	2.45	0.05	0.05	mm	8/11/20	1	2.45	✓	
9	4.10	0.05	0.05	mm	8/11/20	1	4.07	✓	
10	3.30	0.05	0.1	mm	8/11/20	1	3.27	✓	
11	1.00	0.1	0.1	mm	8/11/20	1	1.01	✓	
12	0.77	0.05	0	mm	8/11/20	1	0.80	✓	
13	1.30	0.1	0.1	mm	8/11/20	1	1.31	✓	
14	0.80	0.1	0.1	mm	8/11/20	1	0.81	✓	
14	0.80	0.1	0.1	mm	8/11/20	1	0.81	✓	
15	10.70	0.15	0.15	mm	8/11/20	1	10.71	✓	
16	0.40	0.1	0.1	mm	8/11/20	1	0.36	✓	
17	2.00	0.1	0.1	mm	8/11/20	1	1.98	✓	
18	7.50	0.15	0.15	mm	8/11/20	1	7.51	✓	
19	3.75	0.1	0.1	mm	8/11/20	1	3.75	✓	
20	27.25	0.2	0.2	mm	8/11/20	1	27.34	✓	
21	16.30	0.1	0.1	mm	8/11/20	1	16.22	✓	
22	5.95	0.1	0.1	mm	8/11/20	1	5.95	✓	
23	2.85	0.1	0.1	mm	8/11/20	1	2.78	✓	
24	3.10	0.3	0.3	mm	8/11/20	1	3.16	✓	
25	2.55	0.1	0.1	mm	8/11/20	1	2.59	✓	
26	1.40	0.1	0.1	mm	8/11/20	1	1.31	✓	
27	3.30	0.3	0.3	mm	8/11/20	1	3.14	✓	
28	2.76	0.1	0.1	mm	8/11/20	1	2.70	✓	
29	1.30	0.1	0.1	mm	8/11/20	1	1.21	✓	
30	0.30	0.1	0.1	mm	8/11/20	1	0.33	✓	
31	Note 1	-	-	mm	8/11/20	1	OK	✓	
32	3.25	0.1	0.1	mm	8/11/20	1	3.25	✓	
33	0.30	0.1	0.1	mm	8/11/20	1	0.31	✓	
34	1.25	0.1	0.1	-	8/11/20	1	1.20	✓	

Blanket statement of conformance are unacceptable for any test results.

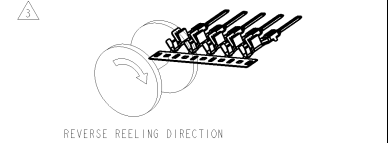
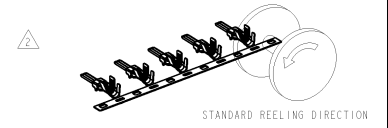
CFG-1003

<u>SIGNATURE</u> <i>Andrew Hjelt</i>	<u>TITLE</u> TE - Product Engineer	<u>DATE</u> 10/2/2020
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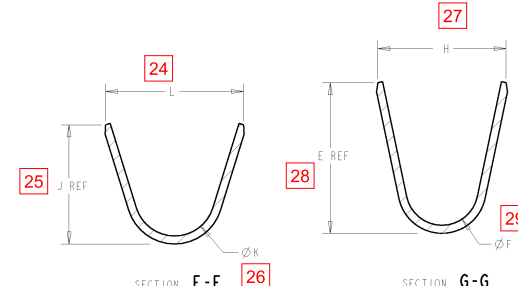
DUAL CRIMP TABLE	
PART NO	WIRE SIZE
1326029-9 AND 1-1326029-1	0.35+0.35
	0.35+0.5
	0.35+0.75
	0.35+1.0
	0.5+0.5
1-1326029-0 AND 1-1326029-2	0.5+0.75
	0.35+1.5
	0.5+1.0
	0.5+1.5
	0.75+0.75
1-1326029-2	0.75+1.0
	0.75+1.5
	1.0+1.0
	1.0+1.5



30 MATERIAL: 0.30 THICK COPPER ALLOY; PREPLATED
31 WITH 0.0008 MINIMUM THICK MATTE TIN (ELV COMPLIANT).



5. QUALIFICATION OF THE CRIMP APPLICATION TOOLING
SHALL BE CONTROLLED BY THE REQUIREMENTS
ESTABLISHED UNDER USCAR 21.
6. LOOSE END SPLICING TO BE USED.



REVISIONS		DATE	BY	APPD
6	REVISED PER ECR 05-003800	17NOV2005	DLD	JLT
61	REVISED PER ECR 05-017194	23DEC2005	DLD	JLT

1-1326029-0 REELED FOR AMP APPLICATOR	REFERENCE DUAL CRIMP TABLE	1-1326029-2
1326029-9 REELED FOR AMP APPLICATOR	REFERENCE DUAL CRIMP TABLE	1-1326029-1
4.6 1.80 5.35 3.9 1.70 3.88	REFERENCE DUAL CRIMP TABLE	1-1326029-0
3.6 1.40 4.32 3.3 1.30 2.76	REFERENCE DUAL CRIMP TABLE	1326029-9
1326029-4 REELED FOR AMP APPLICATORS	12 AWG	1326029-8
1326029-3 REELED FOR AMP APPLICATORS	14-16 AWG	1326029-7
1326029-2 REELED FOR AMP APPLICATORS	18-20 AWG	1326029-6
1326029-1 REELED FOR AMP APPLICATORS	22 AWG	1326029-5
5.2 3.20 4.22 4.7 2.70 5.25	12 AWG	1326029-4
3.8 1.80 3.16 3.9 1.70 3.88	14-16 AWG	1326029-3
3.1 1.40 2.55 3.3 1.30 2.76	18-20 AWG	1326029-2
2.6 1.00 2.04 2.5 0.90 2.11	22 AWG	1326029-1
REELING	L ØK J H	ØF E WIRE SIZE PART NO.

OWN	27APR99	TYCO ELECTRONICS
CHK	27APR99	Harrisburg, PA 17105-3608
APPD	27APR99	
SAE/USCAR-2 8/97		
APPLICATION SPEC	114-13013	
MATERIAL	114-13013	
STANDARD	114-13013	
SCALE	10:1	
SHEET	1	
OF	1	
REV	G	

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that:

TE Connectivity
Global Automotive Division
Americas North
719 Pegg Road
Greensboro
North Carolina
27409
USA

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.

NOTE: Please see second page for Extended Manufacturing Site.

For and on behalf of BSI:



Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-007

IATF Number: 0338830



Page: 1 of 3

Certification Date: 2018-10-18

Latest Issue: 2020-07-15

Expiry Date: 2022-04-18

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

An electronic certificate can be authenticated [online](http://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.

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
719 Pegg Road
Greensboro
North Carolina
27409
USA

Registered Activities

Design and manufacture of electrical interconnecting devices.

Including the following extended manufacturing sites:

TE Connectivity
Global Automotive Division
Americas North
233 Burgess Road
Greensboro
North Carolina
27409
USA

Design and manufacture of electrical interconnecting devices

Including the following remote support functions:

TE Connectivity
Global Automotive Division
Americas North
3800 Reidsville Road
Winston-Salem
North Carolina
27102
USA

Supplier management, Sales, Testing, Product design

TE Connectivity
Global Automotive Division
Americas North
20 Esna Park Drive
Markham
Ontario
L3R 1E1
Canada
Testing, Product design

TE Connectivity
Global Automotive Division
Americas North
1901 Fulling Mill Road
Middletown
Pennsylvania
17057
USA
Customer service, Testing, Product design

BSI Certificate Number: 514458-007

IATF Number: 0338830



Certification Date: 2018-10-18

Latest Issue: 2020-07-15

Expiry Date: 2022-04-18

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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.

Location

Registered Activities

TE Connectivity
Global Automotive Division
Americas North
900 Wilshire Boulevard
Suite 150
Troy
Michigan
48084
USA
Product design

TE Connectivity
North Carolina Distribution Center
8000 Piedmont Triad Parkway
Greensboro
North Carolina
27409
USA
Warehousing

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

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

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

BSI Certificate Number: 514458-007

IATF Number: 0338830



Certification Date: 2018-10-18

Latest Issue: 2020-07-15

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Page: 3 of 3

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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.

Informe de la MDS

Sustancias de conjuntos y materiales

No deben incluirse materiales que están sujetos a prohibiciones legales.
Las sustancias peligrosas, formadas o liberadas durante su uso, también se deben declarar.
Recuerde: La lista GADSL de sustancias que deben ser declaradas

2. Caracterización del componente

N.º componente/artículo: 7114-4336-02

Descripción: 2.8 mm Blade, Unsealed

No. Reporte de muestra: -

ID/versión IMDS: 72115647 / 7

ID de nodo: 775385921

Nivel de árbol	 Descripción  Descripción  Nombre  Nombre de la sustancia	 N.º componente/artículo  N.º artículo/mat.  N.º material  N.º CAS	 ID/versión IMDS	 Cantidad	 Peso  [g]	 Porción  [%]	 Porción  (desde - hasta)  [%]	 Clasif.  GADSL, SVHC	 Marcado de componentes  Reciclado  (Consumidor/industr.)  Aplicación [ID]
1	 2.8 mm Blade, Unsealed	 7114-4336-02	72115647 / 7		0.5619				
└2	 Copper Alloy		150760186 / 4		0.5557			 3.2	 No
└3	 Copper	 7440-50-8				97.585		 D	
└3	 Iron	 7439-89-6				0.26	0.02 - 0.5		

Nivel de árbol	 Descripción  Descripción  Nombre  Nombre de la sustancia	 N.º componente/artículo  N.º artículo/mat.  N.º material  N.º CAS	 ID/versión IMDS	 Cantidad	 Peso  [g]	 Porción  [%]	 Porción (desde - hasta)  [%]	 Clasif.  GADSL, SVHC	 Marcado de componentes  Reciclado (Consumidor/industr.)  Aplicación [ID]
└3	 Magnesium (metal)	 7439-95-4				0.55	0.1 - 1	 D	
└3	 Phosphorus	 7723-14-0				0.055	0.01 - 0.1		
└3	 Tin	 7440-31-5				0.55	0.1 - 1		
└3	 Zinc (metal)	 7440-66-6				0.9	0.3 - 1.5		
└3	 Misc., not to declare	 system				0.1	0 - 0.2		
└2	 e-plate Cu (electrodeposited Copper Coatings)		736943 / 5		0.0018			 3.1	 No
└3	 Carbon	 7440-44-0				0.005	0 - 0.01		
└3	 Sulphur	 7704-34-9				0.0025	0 - 0.005		
└3	 Phosphorus	 7723-14-0				0.03	0 - 0.06		
└3	 Copper	 7440-50-8				99.9625		 D	
└2	 e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 5		0.0044			 4.2	 No
└3	 Carbon	 7440-44-0				0.505	0.01 - 1		
└3	 Sulphur	 7704-34-9				0.02	0 - 0.04		
└3	 Lead	 7439-92-1				0.015	0 - 0.03	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└3	 Tin	 7440-31-5				99.46			

Ésta es una copia no controlada de un documento creado por IMDS. Fin del informe.

Leyenda

EntServ Deutschland GmbH

ID/versión IMDS: **72115647 / 7**
Usuario: **Moreno, Paul**

Página: **4 / 4**
Fecha: **4/09/21 1:32:05**

 Multiorigen Componente