



# Part Submission Warrant

23-EPPAP211865

Part Name 2.8MM RECP,SEAL,20AWG,REV REEL Cust. Part Number 1326032-8

Shown on Drawing Number C-1326032 Org. Part Number 1326032-8

Engineering Change Level E1 Dated 26/04/2011

Additional Engineering Changes N/A Dated N/A

Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order No. N/A Weight (kg) 0.484g

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 RD BLDG 253**  
Street Address

**Greensboro n/a 27409 USA**  
City Region Postal Code Country

**CUSTOMER SUBMITTAL INFORMATION**

**Nursan Kablo Donanimlari**  
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 28086528 / 10

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** General Parts according to tyco customer drawings. ISIR is depending on part number and independant from used tool. General Parts must not be signed by the customer

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 Dimension Test Results

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ORGANIZATION: SUPPLIER/VENDOR CODE <b>TE Connectivity</b> INSPECTION FACILITY <div style="text-align: center;"><b>Greensboro</b></div> <div style="text-align: center;">5</div>						PART NUMBER 1326032-8 PART NAME 2.8mm RECEPTACLE, SEALED DESIGN RECORD CHANGE LEVEL: C-1326032 ENGINEERING CHANGE DOCUMENT: E1					
ITEM	DIMENSION/SPECIFICATION	SPECIFICATION / LIMITS		TEST DATE	QTY. TESTED	ORGANIZATION MEASUREMENT RESULT (DATA)			OK	NOT OK	
A	5.20 2PLCS	0.10	-0.10			5.145 / 5.255			x		
B	1.60 2PLCS	0.10	-0.10			1.595 / 1.636			x		
C	5.00-5.30	-	-				5.108		x		
D	2.60-2.90	-	-				2.790		x		
E	2.50-2.55	-	-				2.550		x		
F	2.50-2.55	-	-				2.548		x		
G	0.40 4 PLCS	0.10	-0.10			0.408 / 0.408 / 0.408 / 0.408			x		
H	0.30	0.10	-0.10				0.290		x		
J	21.50	0.20	-0.20				21.558		x		
K	8.65	0.00	-0.10				8.581		x		
L	0.50	Ref	Ref				0.434		x		
M	3.05	0.05	-0.05				3.066		x		
N	3.30	0.10	-0.10				3.338		x		
P	0.80 2PLCS	0.10	-0.10			0.804 / 0.804			x		
Q	12.45	0.15	-0.15				12.396		x		
R	2.00	0.10	-0.10				1.940		x		
S	3.75	0.10	-0.10				3.750		x		
T	9.25	0.20	-0.20				9.079		x		
U	5.62	Ref	Ref				5.349		x		
V	6.50	0.3	-0.3				6.569		x		
W	4.30	0.10	-0.10				4.320		x		
X	3.88	Ref	Ref				3.859		x		
Y	3.90	0.3	-0.3				3.829		x		
Z	1.70	0.10	-0.10				1.706		x		
AA	3.90	0.00	-0.10				3.879		x		
AB	4.05	0.05	-0.05				4.056		x		

Blanked statements of conformance are unacceptable for any test results

SIGNATURE	TITLE	DATE
Veda Kulkarni	Quality Engineering	11.05.2021



RevK

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Blanked statements of conformance are unacceptable for any test results

<u>SIGNATURE</u>	<u>TITEL</u>	<u>DATE</u>
Veda Kulkarni	Quality Engineering	11.05.2021

# CERTIFICATION REPORT



SOLD TO TYCO ELECTRONICS ATTN: ACCOUNTS PAYABLE P O BOX 68355 HARRISBURG, PA 17105		SHIP TO TE CONNECTIVITY 8000 PIEDMONT TRIAD PARKWAY GREENSBORO, NC 27409		ENTRY - BOL 29828-446193
				ALLOY 6476
PRODUCT DESCRIPTION 1.2870 .01180 TM02 CAC60 CU/NI/SI STRIP *REFLOW* TEC-100-1554 P/N 705485-2 MELT & MANUF'D USA		QUANTITY ORDERED		CUSTOMER ORDER NO.
		PCS.		7000944858 503399
		LBS. 999003		GOV'T CONTRACT NO.
		PCS. 3 LBS. 4996 DATE 6/26/2020 TIME 9:40:17 AM		

COIL NUMBER	728744AAB	728744AAC	729012AB	729012AA	728745AAA	
<b>COMPOSITION - %</b>						
Copper - includes Ag	96.41	96.41	96.46	96.46	96.41	
Zinc	1.15	1.15	1.20	1.20	1.15	
Lead	<.002	<.002	<.002	<.002	<.002	
Tin	.149	.149	.059	.059	.149	
Nickel	1.77	1.77	1.80	1.80	1.77	
Silicon	.437	.437	.393	.393	.437	
Magnesium	.009	.009	.013	.013	.009	
<b>PROPERTIES</b>						
Tensile Str. (ksi)	100.5	100.5	98.9	98.9	100.1	
Yield Str. (ksi) @ .2 OFFSET	87.9	87.9	92.5	92.5	95.7	
Elongation (%) in 2 inches	11.0	11.0	10.5	10.5	8.3	
Grain Size (RTF) in mm	.015	.015	.005	.005	.010	
Vickers	198	198	197	197	202	
Bend Test (L)	OK	OK	OK	OK	OK	
Bend Test (T)	OK	OK	OK	OK	OK	
Elec. Cond. (%) IACS	44.60	44.60	45.20	45.20	48.20	
Coating Thickness (µin)	51.0	46.0	46.0	45.0	47.0	

Certification Report continues on the next page.

# CERTIFICATION REPORT



<b>SOLD TO</b> TYCO ELECTRONICS ATTN: ACCOUNTS PAYABLE P O BOX 68355 HARRISBURG, PA 17105		<b>SHIP TO</b> TE CONNECTIVITY 8000 PIEDMONT TRIAD PARKWAY GREENSBORO, NC 27409		<b>ENTRY - BOL</b> <b>29828-446193</b>
				ALLOY 6476
<b>PRODUCT DESCRIPTION</b> 1.2870 .01180 TM02 CAC60 CU/NI/SI STRIP *REFLOW* TEC-100-1554 P/N 705485-2 MELT & MANUF'D USA		<b>QUANTITY ORDERED</b>  PCS.  LBS. 999003	PCS. 3 LBS. 4996 DATE 6/26/2020 TIME 9:40:18 AM	<b>CUSTOMER ORDER NO.</b> 7000944858 503399  <b>GOV'T CONTRACT NO.</b>

COIL NUMBER	729216AAB	728744AAA	728245AAC	728745AAB	728243AA	
<b>COMPOSITION - %</b>						
Copper - includes Ag	96.42	96.41	96.06	96.41	96.04	
Zinc	1.14	1.15	1.57	1.15	1.59	
Lead	<.002	<.002	<.002	<.002	<.002	
Tin	.149	.149	.094	.149	.092	
Nickel	1.77	1.77	1.79	1.77	1.79	
Silicon	.426	.437	.403	.437	.410	
Magnesium	.019	.009	.013	.009	.011	
<b>PROPERTIES</b>						
Tensile Str. (ksi)	100.6	100.5	97.5	100.1	100.6	
Yield Str. (ksi) @ .2 OFFSET	94.8	87.9	90.1	95.7	94.8	
Elongation (%) in 2 inches	8.0	11.0	8.0	8.3	7.7	
Grain Size (RTF) in mm	.020	.015	.010	.010	.010	
Vickers	199	198	198	202	212	
Bend Test (L)	OK	OK	OK	OK	OK	
Bend Test (T)	OK	OK	OK	OK	OK	
Elec. Cond. (%) IACS	47.30	44.60	47.30	48.20	43.40	
Coating Thickness (µin)	47.0	45.0	49.0	43.0	49.0	

**WE HEREBY CERTIFY** that these test results were obtained from samples taken from coil(s), which were produced for the purchase order stated. These samples have been subjected to the tests called for by the customer and /or ASTM specification(s).

This product was manufactured in compliance with all applicable government and safety constraints on restricted, toxic, and hazardous materials and complies to the Restriction of Hazardous Substances RoHS 3 ( EU Directive 2015/863 ) and the Consumer Product Safety Improvement Act of 2008.

Aurubis Buffalo, Inc. product Safety Data Sheets (SDS) provides component information for all hazardous materials in conformance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

  
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**Technical Department - Lawrence Wypij**