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PPAP Package for:

**Nursan Otomotiv Ltd.
Customer Part Number: 1924275-3
(TE Connectivity Part Number): 1924275-3
13-Dec-2019**

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Nondisclosure Agreement

If a nondisclosure agreement has been reached with your company, it will be included on the following page(s). Please review the terms of this agreement to ensure that further actions associated with information contained within this PPAP package do not violate these terms.

If a nondisclosure agreement HAS NOT been reached, certain documents deemed confidential by TE Connectivity will not be included in this PPAP package. These documents include but are not limited to the Design FMEA, the Process Flow Diagram, the Process FMEA and the Control Plan. These documents can be reviewed by you company but cannot be retained.

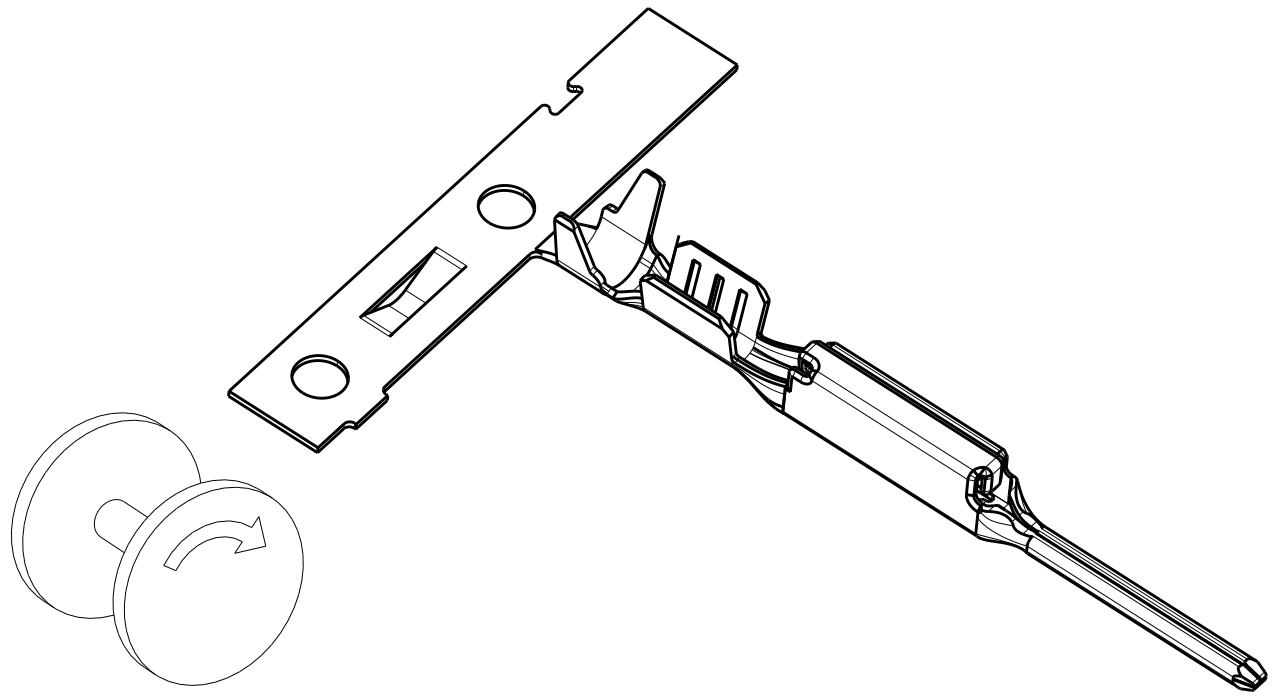


Section 1

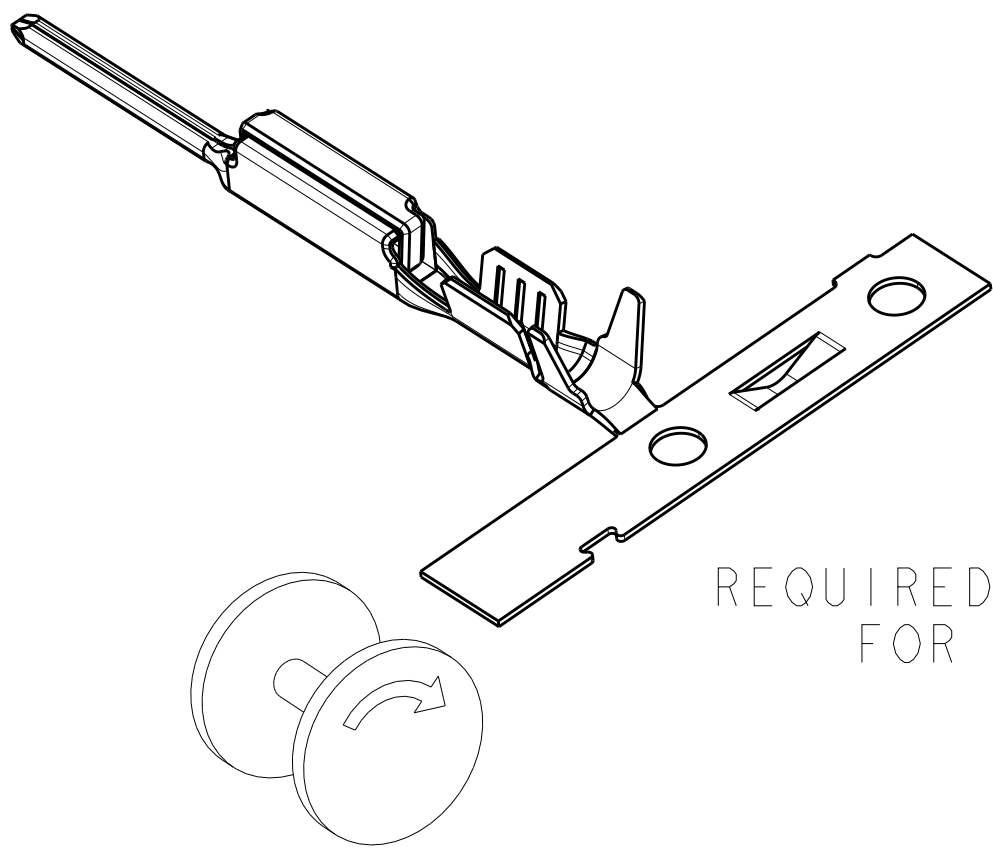
Design Records

LOC	DIST	REVISIONS						
1N	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		B3		REVISED PER ECO-11-019271	21SEP2011	DLD	CJS	
		B4		REVISED PER ECO-12-010824	12JUN2012	DLD	CJS	
		B5		REVISED PER ECO-12-012285	08NOV2012	DLD	CJS	
		B6		REVISED PER ECO-19-001554	31JAN2019	JMS	CS	

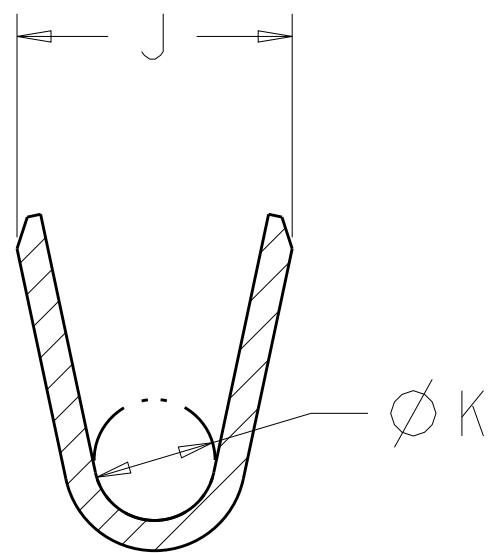
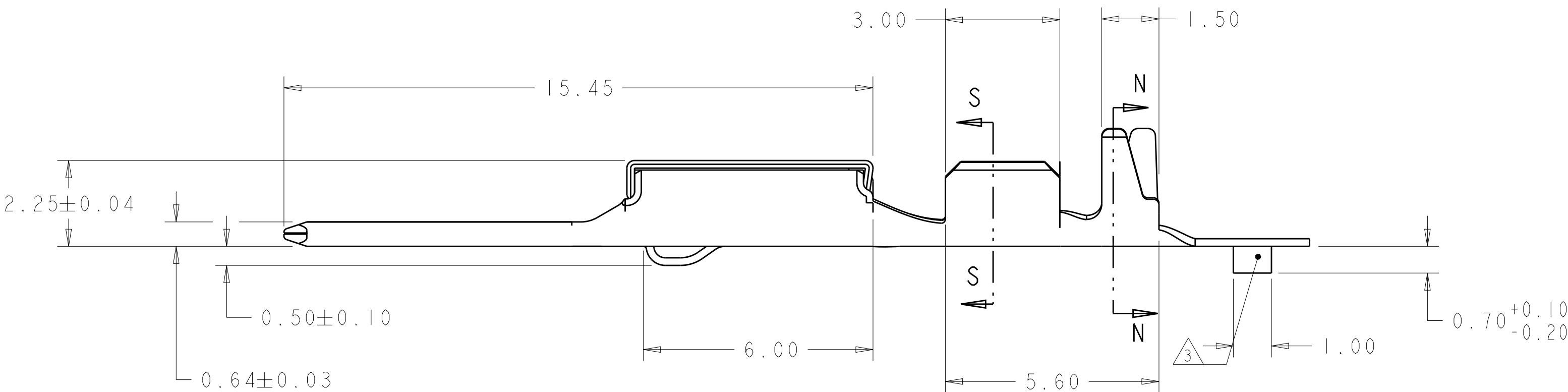
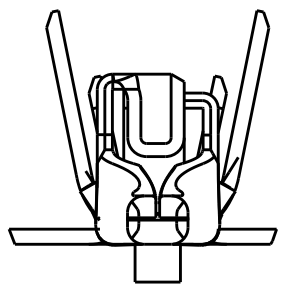
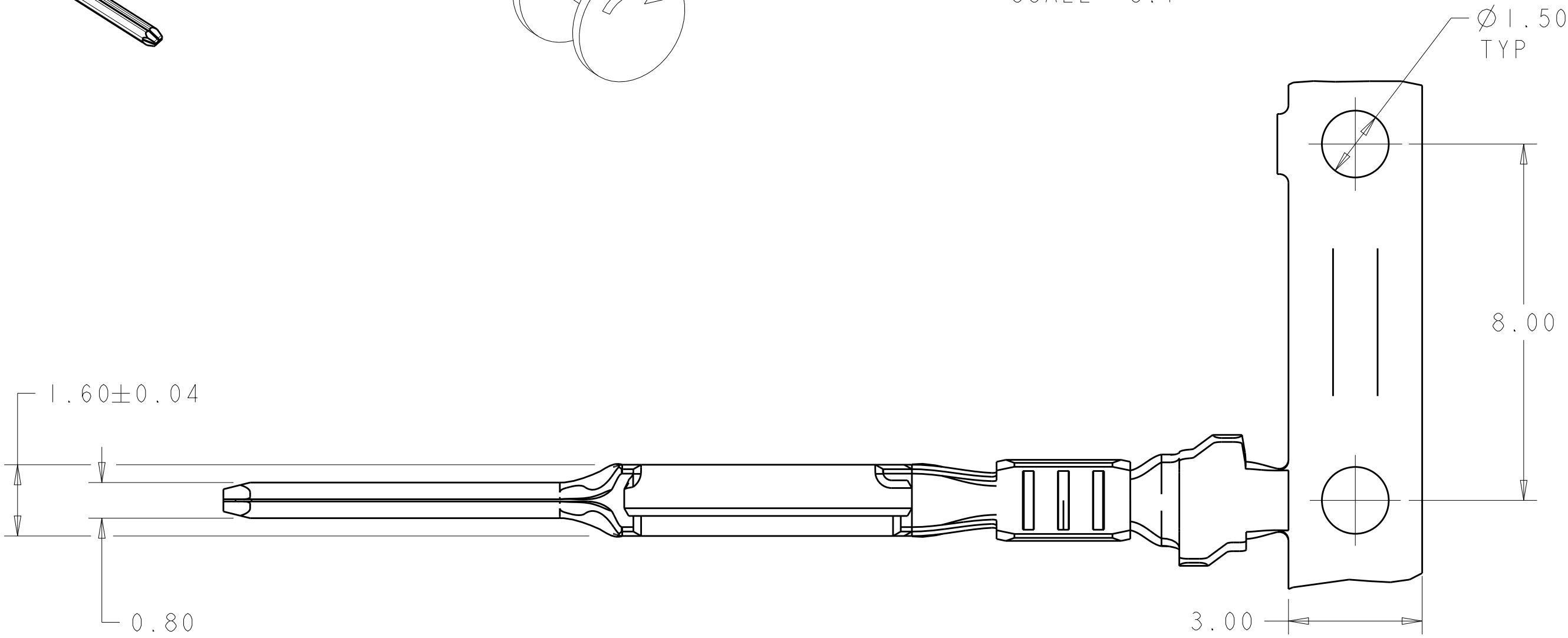
- ⚠ MATERIAL: BRASS
- ⚠ FINISH: PRE-PLATED WITH 0.80µm MIN TIN
- ⚠ MATERIAL ID FEATURE IN "DOWN" POSITION.
5. THIS DRAWING IS RESTRICTED TO FORD.



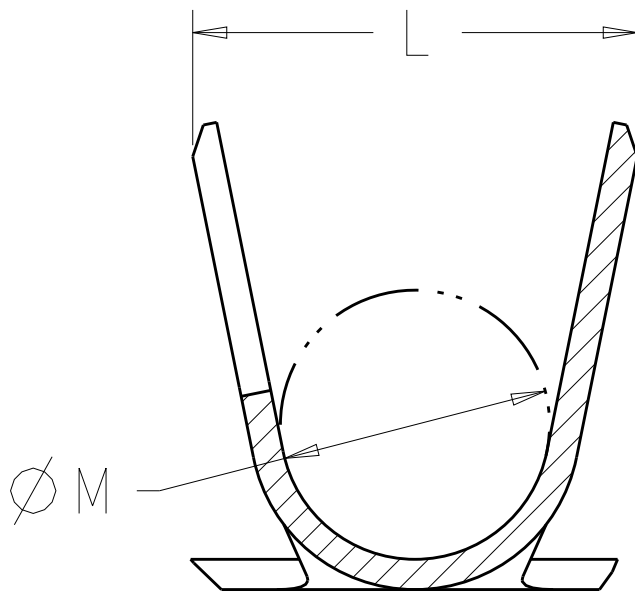
DETAIL A
SCALE 5:1



DETAIL B
REQUIRED REELING DIRECTION
FOR TE APPLICATORS
SCALE 5:1



SECTION S-S
SCALE 20:1



SECTION N-N
SCALE 20:1

0.13mm ² = 0.85-1.05; 0.35mm ² = 1.10-1.40	DETAIL B	1.40	2.40	0.80	1.85	⚠	2X 0.13mm ² OR 0.35mm ²	1924275-8
0.85-1.05	DETAIL B	0.85	1.82	0.65	1.50	⚠	0.13mm ²	1924275-7
0.13mm ² = 0.85-1.05; 0.35mm ² = 1.10-1.40	DETAIL A	1.40	2.40	0.80	1.85	⚠	2X 0.13mm ² OR 0.35mm ²	1924275-6
0.85-1.05	DETAIL A	0.85	1.82	0.65	1.50	⚠	0.13mm ²	1924275-5
2.06 MAX	DETAIL B	1.78	2.94	1.00	1.96	⚠	18	1924275-4
1.5-1.85	DETAIL B	1.78	2.94	0.80	1.82	⚠	20-22	1924275-3
2.06 MAX	DETAIL A	1.78	2.94	1.00	1.96	⚠	18	1924275-2
1.5-1.85	DETAIL A	1.78	2.94	0.80	1.82	⚠	20-22	1924275-1
ISULATION DIAMETER	REELING	S	R	K	J	FINISH	WIRE SIZE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC ±0.3
1 PLC ±0.3
2 PLC ±0.15
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH -

MATERIAL -

DWN H. MOLL 02OCT2008
CHK J. HALL 02OCT2008
APVD J. HALL 02OCT2008

PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

RESTRICTED CUSTOMER

TE Connectivity

NAME
CONTACT,
MALE, 0.64,
GENERATION Y

SIZE CAGE CODE DRAWING NO
A100779C=1924275

RESTRICTED TO
FORD

SCALE 10:1 SHEET 1 OF 1 REV B6



Section 2

Engineering Change Documents



Not Applicable



Section 3

Customer Engineering Approval



Not Applicable



Section 4

Design FMEA

See Section A for nondisclosure conditions.

The Design FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 5

Process Flow Diagram

See Section A for nondisclosure conditions.

The Process Flow Diagram, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 6

Process FMEA

See Section A for nondisclosure conditions.

The Process FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.



Section 7

Control Plan

See Section A for nondisclosure conditions.

The Control Plan, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.

Section 8

Measurement System Analysis

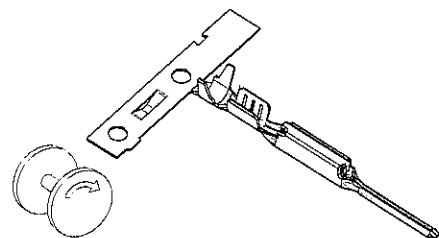


Not Applicable

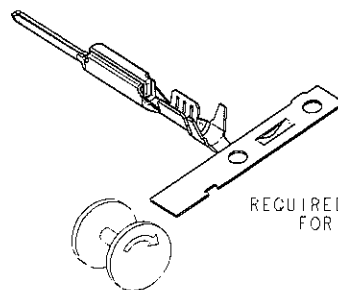
Section 9

Dimensional Results

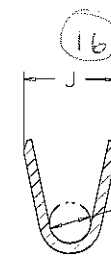
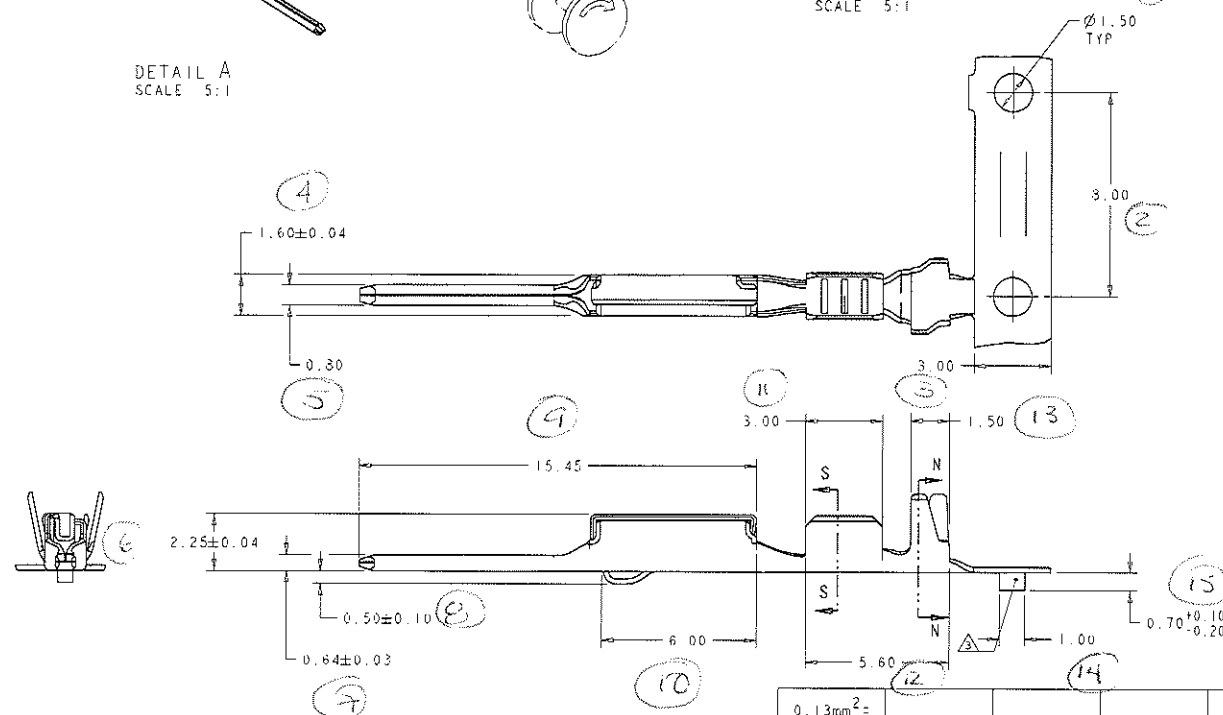
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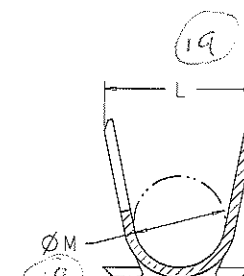
DETAIL A
SCALE 5:1











DETAIL B
REQUIRED REELING DIRECTION
FOR TE APPLICATORS
SCALE 5:1




SECTION S-S
SCALE 20:1



SECTION N-N
SCALE 20:1

0.13mm ² = 0.85-1.05; 0.35mm ² = 1.10-1.40	DETAIL B	1.40	2.40	0.80	1.85		2: 0.13mm ² OR 0.35mm ²	1924275-8
0.85-1.05	DETAIL B	0.85	1.82	0.65	1.50		0.13mm ²	1924275-7
0.13mm ² = 0.85-1.05; 0.35mm ² = 1.10-1.40	DETAIL A	1.40	2.40	0.80	1.85		2: 0.13mm ² OR 0.35mm ²	1924275-6
0.85-1.05	DETAIL A	0.85	1.82	0.65	1.50		0.13mm ²	1924275-5
2.06 MAX	DETAIL B	1.78	2.94	1.00	1.96		18	1924275-4
1.5-1.35	DETAIL B	1.78	2.94	0.80	1.82		20-22	1924275-3
2.06 MAX	DETAIL A	1.78	2.94	1.00	1.96		18	1924275-2
1.5-1.85	DETAIL A	1.78	2.94	0.80	1.82		20-22	1924275-1
INSULATION DIAMETER	REELING	S	R	K	J	FINISH	WIRE SIZE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT		REV	020C12088	 ETE PE Connectivity
DESCRIPTION:	(REVISED PART NO.) 0001	REV	020C12086	
	P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9 P-10 P-11 P-12 P-13 P-14 P-15 P-16 P-17 P-18 P-19 P-20 P-21 P-22 P-23 P-24 P-25 P-26 P-27 P-28 P-29 P-30 P-31 P-32 P-33 P-34 P-35 P-36 P-37 P-38 P-39 P-40 P-41 P-42 P-43 P-44 P-45 P-46 P-47 P-48 P-49 P-50 P-51 P-52 P-53 P-54 P-55 P-56 P-57 P-58 P-59 P-60 P-61 P-62 P-63 P-64 P-65 P-66 P-67 P-68 P-69 P-70 P-71 P-72 P-73 P-74 P-75 P-76 P-77 P-78 P-79 P-80 P-81 P-82 P-83 P-84 P-85 P-86 P-87 P-88 P-89 P-90 P-91 P-92 P-93 P-94 P-95 P-96 P-97 P-98 P-99 P-100 P-101 P-102 P-103 P-104 P-105 P-106 P-107 P-108 P-109 P-110 P-111 P-112 P-113 P-114 P-115 P-116 P-117 P-118 P-119 P-120 P-121 P-122 P-123 P-124 P-125 P-126 P-127 P-128 P-129 P-130 P-131 P-132 P-133 P-134 P-135 P-136 P-137 P-138 P-139 P-140 P-141 P-142 P-143 P-144 P-145 P-146 P-147 P-148 P-149 P-150 P-151 P-152 P-153 P-154 P-155 P-156 P-157 P-158 P-159 P-160 P-161 P-162 P-163 P-164 P-165 P-166 P-167 P-168 P-169 P-170 P-171 P-172 P-173 P-174 P-175 P-176 P-177 P-178 P-179 P-180 P-181 P-182 P-183 P-184 P-185 P-186 P-187 P-188 P-189 P-190 P-191 P-192 P-193 P-194 P-195 P-196 P-197 P-198 P-199 P-200 P-201 P-202 P-203 P-204 P-205 P-206 P-207 P-208 P-209 P-210 P-211 P-212 P-213 P-214 P-215 P-216 P-217 P-218 P-219 P-220 P-221 P-222 P-223 P-224 P-225 P-226 P-227 P-228 P-229 P-230 P-231 P-232 P-233 P-234 P-235 P-236 P-237 P-238 P-239 P-240 P-241 P-242 P-243 P-244 P-245 P-246 P-247 P-248 P-249 P-250 P-251 P-252 P-253 P-254 P-255 P-256 P-257 P-258 P-259 P-260 P-261 P-262 P-263 P-264 P-265 P-266 P-267 P-268 P-269 P-270 P-271 P-272 P-273 P-274 P-275 P-276 P-277 P-278 P-279 P-280 P-281 P-282 P-283 P-284 P-285 P-286 P-287 P-288 P-289 P-290 P-291 P-292 P-293 P-294 P-295 P-296 P-297 P-298 P-299 P-300 P-301 P-302 P-303 P-304 P-305 P-306 P-307 P-308 P-309 P-310 P-311 P-312 P-313 P-314 P-315 P-316 P-317 P-318 P-319 P-320 P-321 P-322 P-323 P-324 P-325 P-326 P-327 P-328 P-329 P-330 P-331 P-332 P-333 P-334 P-335 P-336 P-337 P-338 P-339 P-340 P-341 P-342 P-343 P-344 P-345 P-346 P-347 P-348 P-349 P-350 P-351 P-352 P-353 P-354 P-355 P-356 P-357 P-358 P-359 P-360 P-361 P-362 P-363 P-364 P-365 P-366 P-367 P-368 P-369 P-370 P-371 P-372 P-373 P-374 P-375 P-376 P-377 P-378 P-379 P-380 P-381 P-382 P-383 P-384 P-385 P-386 P-387 P-388 P-389 P-390 P-391 P-392 P-393 P-394 P-395 P-396 P-397 P-398 P-399 P-400 P-401 P-402 P-403 P-404 P-405 P-406 P-407 P-408 P-409 P-410 P-411 P-412 P-413 P-414 P-415 P-416 P-417 P-418 P-419 P-420 P-421 P-422 P-423 P-424 P-425 P-426 P-427 P-428 P-429 P-430 P-431 P-432 P-433 P-434 P-435 P-436 P-437 P-438 P-439 P-440 P-441 P-442 P-443 P-444 P-445 P-446 P-447 P-448 P-4			

Production Part Approval Dimensional Test Results & Material

Page 1 of 1 Pages

DAIMLERCHRYSLER  

ORGANIZATION: TE Connectivity SUPPLIER / VENDOR CODE INSPECTION FACILITY: TE Connectivity Winston-Salem, NC				PART NUMBER: 1924275-1/-3 (Ford p/n: 9U5T-14421-BA) Contact, Male, 0.64mm, Generation Y PART NAME: DESIGN RECORD CHANGE LEVEL: B6 ENGINEERING CHANGE DOCUMENTS:						
ITEM	DIMENSION / SPECIFICATION	SPECIFICATION / LIMITS	TEST DATE	QTY. TESTED	ORGANIZATION MEASUREMENT RESULTS (DATA)				OK	NOT OK
					Out 1	Out 2				
1	1.50	0.15	4/9/2018	2	1.6090	1.6160			✓	
2	8.00	0.15	4/9/2018	2	8.0270	8.0270			✓	
3	3.00	0.15	4/9/2018	2	2.9250	2.9250			✓	
4	1.60	0.04	4/9/2018	2	1.6310	1.5670			✓	
5	0.80	0.15	4/9/2018	2	0.8180	0.8340			✓	
6	2.25	0.04	4/9/2018	2	2.2470	2.2340			✓	
7	0.64	0.03	4/9/2018	2	0.6540	0.6320			✓	
8	0.50	0.10	4/9/2018	2	0.5300	0.5140			✓	
9	15.45	0.15	4/9/2018	2	15.5670	15.5910			✓	
10	6.00	0.15	4/9/2018	2	6.0500	6.0850			✓	
11	3.00	0.15	4/9/2018	2	3.0190	3.0510			✓	
12	5.60	0.15	4/9/2018	2	5.5800	5.5900			✓	
13	1.50	0.15	4/9/2018	2	1.4470	1.4290			✓	
14	1.00	0.15	4/9/2018	2	1.0310	1.0310			✓	
15	0.70	0.10	4/9/2018	2	0.5750	0.5750			✓	
16	1.85	0.15	4/9/2018	2	1.8910	1.8770			✓	
17	0.80	0.15	4/9/2018	2	0.8390	0.8590			✓	
18	1.40	0.15	4/9/2018	2	1.8370	1.8770			✓	
19	2.40	0.15	4/9/2018	2	3.0070	3.0830			✓	
	Material									
	Copper				Copper				✓	

Blanket statements of conformance are unacceptable for any test results.

<u>SIGNATURE</u>	<u>TITLE</u>	<u>DATE</u>
Anilu Godoy	PPAP Manager	9/30/2019

Note: PPAP Based on Latest dimensional Report (B5)



Section 10

Material, Performance Test Results



An ISO Registered Company

1351 S. Girls School Road
Indianapolis, IN 46231
Tel: 317-241-7600
DUNS: 83-296-2588

Date Tested		Job Number		Order Number	
8/20/2019		50251-0000		ABI00950 41-77797	
Size	Alloy	Customer PN		Customer PO#	
.0078 X 1.180	260	8-702482-1		1400-439549	
015191	TE CONNECTIVITY	GREENSBORO		NC	

PROPERTIES AND TESTING

Trace#	Plating Material		Units	Plating Specs		Actual Data		Pb PPM in Deposit
				Min	Max	Min	Max	
420199 1 10	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	53	59	35.12
420199 1 13	Copper	0	μin	40		50	60	
	Reflow Tin	0	μin	32	59	47	48	35.12
420199 1 14	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	42	42	35.12
420199 1 15	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	54	55	35.12
420199 1 16	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	45	47	35.12
420199 1 17	Copper	0	μin	40		40	50	
	Reflow Tin	0	μin	32	59	39	40	35.12

PROPERTIES AND TESTING

Trace#	Plating Material		Units	Plating Specs		Actual Data		Pb PPM in Deposit
				Min	Max	Min	Max	
420199 1 18	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	54	59	35.12
420199 1 19	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	49	55	35.12
420199 1 2	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	48	48	35.12
420199 1 20	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	55	58	35.12
420199 1 21	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	34	40	35.12
420199 1 3	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	57	58	35.12
420199 1 4	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	42	47	35.12
420199 1 5	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	51	56	35.12

PROPERTIES AND TESTING

Trace#	Plating Material		Units	Plating Specs		Actual Data		Pb PPM in Deposit
				Min	Max	Min	Max	
420199 1 6	Copper	0	μin	40		50	50	
	Reflow Tin	0	μin	32	59	53	57	35.12
420199 1 7	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	45	47	35.12
420702 2 15	Copper	0	μin	40		40	41	
	Reflow Tin	0	μin	32	59	32	41	35.12
420702 2 17	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	58	58	35.12
420702 2 19	Copper	0	μin	40		40	50	
	Reflow Tin	0	μin	32	59	43	48	35.12
420702 2 21	Copper	0	μin	40		40	40	
	Reflow Tin	0	μin	32	59	36	41	35.12

1 Plating thickness per ASTM B568

2 Solderability Test per ASTM B678 - Pass/Fail for those products requiring solderability testing.

3 Adhesion Test per ASTM B571 - Performed on all plated product and rejected if test failed.

We hereby certify that the material described in this report has been tested and the results are shown above.

Quality Manager: Amy Schultz



Section 11

Initial Process Studies

There are no requirements for process capability data listed on the applicable Tyco Electronics customer drawing.

No agreement for providing process capability study information, to customer drawing requirements has been agreed to by Tyco Electronics.

Process capability study data, to a Tyco Electronics customer drawing dimension is not currently available from the manufacturing facility and as such will not be provided with this PPAP submission.

Section 12

Qualified Laboratory Documentation



By Royal Charter

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.

For and on behalf of BSI:


Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-007

IATF Number: 0338830



Certification Date: 2018-10-18

Latest Issue: 2018-10-18

Page: 1 of 3

...making excellence a habit.™

Expiry Date: 2021-10-17

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 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

TE Connectivity
Global Automotive Division
Americas North
900 Wilshire Boulevard
Suite 150
Troy
Michigan
48064
USA
Product design

BSI Certificate Number: 514458-007

IATF Number: 0338830



Certification Date: 2018-10-18

Latest Issue: 2018-10-18

Expiry Date: 2021-10-17

Page: 2 of 3

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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
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

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

BSI Certificate Number: 514458-007

IATF Number: 0338830



Certification Date: 2018-10-18

Latest Issue: 2018-10-18

Expiry Date: 2021-10-17

Page: 3 of 3

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.

Section 13

Appearance Approval Report

Not Applicable

Section 14

Sample Product

**Sent in separate package
(if required)**

Section 15

Master Sample

Retained at manufacturing location

Section 16

Checking Aids

Not Applicable

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.: **1924275-3**
Description: **Contact, Male, Generation Y, 0.64**
Report No.: **-**
Date of Report: **-**
Purchase Order No.: **-**
Bill of Delivery No.: **-**
Preliminary MDS: **No**
IMDS ID / Version: **86857300 / 7**
Node ID: **763885081**
MDS Status (Change Date): **Internally released (08/20/2018)**

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.: **1924275-3**
Description: **Contact, Male, Generation Y, 0.64**

Report No.: **-**
IMDS ID / Version: **86857300 / 7**
Node ID: **763885081**

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  Recyclate (Indust./Consumer)  Application [ID]
1	 Contact, Male, Generation Y, 0.64	 1924275-3	86857300 / 7		0.1504				
└2	 CuZn30		10612731 / 5		0.1497			 3.2	 No
└3	 Copper	 7440-50-8				70	69 - 71	 D	
└3	 Aluminium (metal)	 7429-90-5				0.01	0 - 0.02		

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 Recyclate (Indust./Consumer) Application [ID]
└3	Iron	7439-89-6				0.025	0 - 0.05		
└3	Nickel	7440-02-0				0.15	0 - 0.3	D	Not applicable [34]
└3	Lead	7439-92-1				0.025	0 - 0.05	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└3	Tin	7440-31-5				0.05	0 - 0.1		
└3	Misc., not to declare	system				0.05	0 - 0.1		
└3	Zinc (metal)	7440-66-6				29.69			
└2	e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 5		0.0003			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			
└2	e-plate Cu (electrodeposited Copper Coatings)		736943 / 5		0.0004			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	
This is an uncontrolled copy of a document created by IMDS. End of the report.									



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 proprietary / 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 NA

Organization Authorized Signature Pablo Guillermo Jimenez 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) _____



Section 18a

Bulk Material Requirements



Not Applicable