

Teilevorlagezertifikat

Part Submission Warrant

PPAP

Seite 1 von 1

Org. Tracking Number: 0034-01-23

Part Name: <u>Terminal</u>	Cust. Part Number: <u>2M5T-14474-DB</u>
Shown on Drawing No. <u>2M5T-14474-DB</u>	Org. Part Number: <u>S-07 901 356 059</u>
Engineering Change Level <u>AELE-E-11840475-000</u>	Dated <u>09.02.2006</u>
Additional Engineering Changes <u>Not applicable</u>	Dated <u>Not applicable</u>
Safety and/or Government Regulation ☐ Yes ☒ No	Purchase Order No. <u>n/a</u> Weight <u>0,0007</u> kg
Checking Aid No. <u>n/a</u>	Checking Aid Engineering Change Level <u>n/a</u> Dated <u>n/a</u>

Organization Manufacturing Information	Customer Submittal Information
PKC Segu Systemechnik GmbH	Nursan Kablo Donanimlari San. VE Tic. A.S.
Organization Name & Supplier/ Vendor Code	Customer Name/Division
Am Eisberg 14	
Street Address	Buyer/Buyer Code
Barchfeld Thüringen 36456 Deutschland	
City Region Postal Code Country	Application

Materials Reporting

Has customer-required Substances of Concern in formation been reported? ☒ Yes ☐ No

Submitted by IMDS or other customer format: IMDS ID: 476042199/1

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

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 below: <u>annual update 2022 - Nothing has changed since last submission.</u>

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 organization's manufacturing location

Submission Results

The results for ☒ dimensional measurements ☒ material and functional tests ☐ appearance criteria ☐ statistical process package.

These results meet all design record requirements: ☐ Yes ☒ No (attached measurement report from S&B and approval with the lifetime declaration from 10.01.2019).

Mold / Cavity / Production Process: S&B Tool Number - W25-615

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 500 pcs./ 8 hours. I also certify that documented evidence of such compliance is on file and available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS: Manufacturer: S&B. Pick-up point: PKC SEGU Barchfeld Germany.

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

Organization Authorized Signature  Date 26.01.2023

Print Name Svetlana Kuehl Phone No. 036961/ 489-29 FAX No. - 10

Title QS E-Mail Svetlana.Kuehl@motherson.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

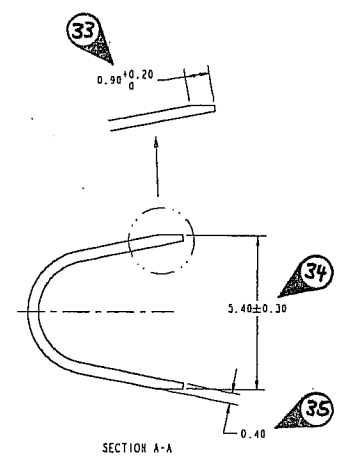
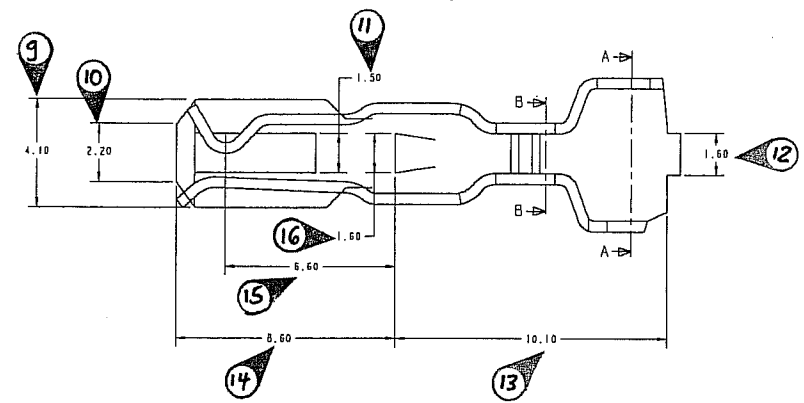
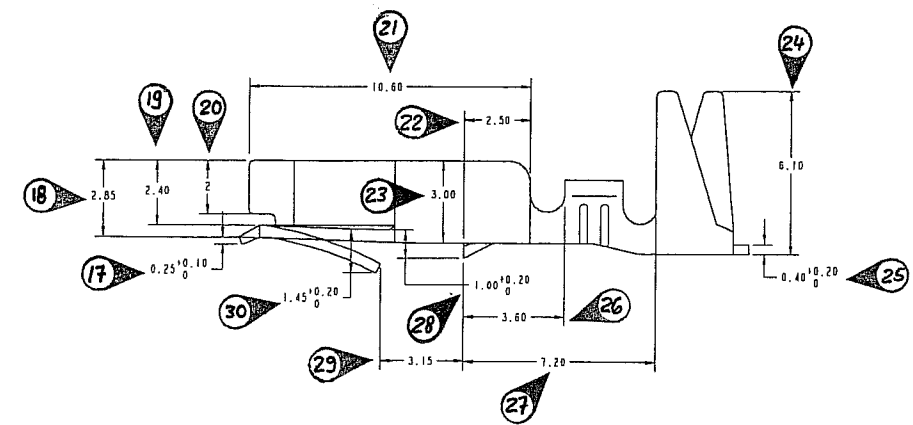
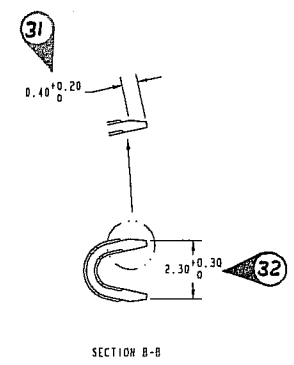
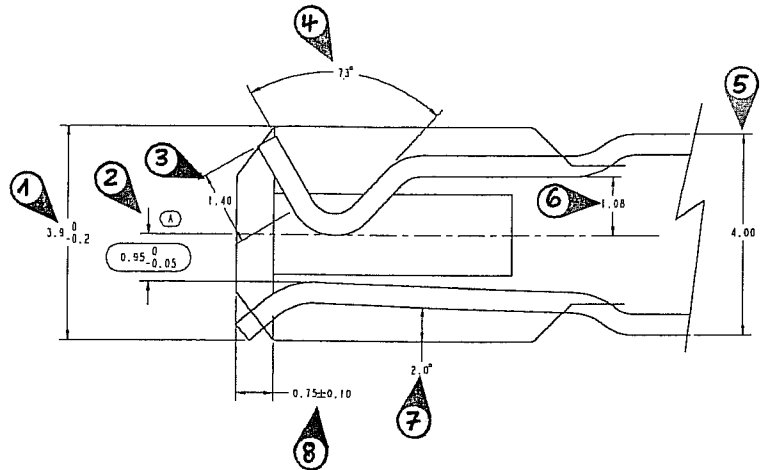
PPAP Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other _____

Customer Signature _____ Date _____

Print Name _____ Customer Tracking Number (optional): _____

Original

23 JUL 2008



NOTES: UNLESS OTHERWISE SPECIFIED
 GENERAL TOLERANCES
 ±0.3 ALL ONE PLACE DIMENSIONS
 ±0.10 ALL TWO PLACE DIMENSIONS
 ±1° ALL ANGULAR DIMENSIONS
 MATERIAL: CU SNG F40
 MATERIAL THICKNESS: 0.4 mm
 PLATING THICKNESS: 4 - 6 um

W25-645
 SB 1d:189941

ORIGINATOR		CHECKER		REVISORS		ENGR APP		MATL APP																																					
AB00 111455866 000		030128		SMITH		MORONEY		GHUCKLEN																																					
A		TOLERANCE WAS 107-0.2		RELEASED 2M5T-14474-DB		AELE E 11840475 000		060209																																					
SMITH		MORONEY		ESCHULZ		AFL																																							
ALCOA FUJIKURA GROUP, AUTOMOTIVE GROUP ENGINEERED PLASTIC COMPONENTS EUROPE LTD DUNDALK, IRELAND																																													
REFERENCE CPSC 18 01 07 PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-W99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT. DRAFTED IN ACCORDANCE WITH FAO ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE 3RD ANGLE PROJ. DIMENSIONS IN MILLIMETERS <table border="1"> <tr> <td>CAD TYPE</td> <td>CAD LOC.</td> <td>CAD FILE</td> <td>DTMC</td> </tr> <tr> <td>1-IDEAS</td> <td>NETAPH</td> <td>DRW 2M5T-14474-D ; 5</td> <td>IS MASTER</td> </tr> <tr> <td>OPER. NO.</td> <td>UNIT</td> <td>DRAWING</td> <td>2M5T-14474-DB</td> </tr> <tr> <td>DESIGN</td> <td>DETAIL</td> <td>TITLE</td> <td>TRMNL-WIR SNP ON FEM</td> </tr> <tr> <td>MORONEY</td> <td>SMITH</td> <td></td> <td>SHT 1 OF 1</td> </tr> <tr> <td>CHECKED</td> <td>SAFETY</td> <td></td> <td></td> </tr> <tr> <td>MORONEY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SCALE</td> <td>DATE</td> <td>DIVISION</td> <td></td> </tr> <tr> <td>10:1</td> <td>060209</td> <td>PLANT</td> <td></td> </tr> </table> Ford Motor Company										CAD TYPE	CAD LOC.	CAD FILE	DTMC	1-IDEAS	NETAPH	DRW 2M5T-14474-D ; 5	IS MASTER	OPER. NO.	UNIT	DRAWING	2M5T-14474-DB	DESIGN	DETAIL	TITLE	TRMNL-WIR SNP ON FEM	MORONEY	SMITH		SHT 1 OF 1	CHECKED	SAFETY			MORONEY				SCALE	DATE	DIVISION		10:1	060209	PLANT	
CAD TYPE	CAD LOC.	CAD FILE	DTMC																																										
1-IDEAS	NETAPH	DRW 2M5T-14474-D ; 5	IS MASTER																																										
OPER. NO.	UNIT	DRAWING	2M5T-14474-DB																																										
DESIGN	DETAIL	TITLE	TRMNL-WIR SNP ON FEM																																										
MORONEY	SMITH		SHT 1 OF 1																																										
CHECKED	SAFETY																																												
MORONEY																																													
SCALE	DATE	DIVISION																																											
10:1	060209	PLANT																																											

DRW SIZE A1

DAIMLER


**Production Part Approval
Dimensional Test Results**

ORGANIZATION: Schroeder + Bauer Werkzeugbau St									PART NUMBER: 191049				
INSPECTION FACILITY: Qualitätsvorausplanung									PART NAME: Lamp fixture contact 2M5T-14474_DB				
									DESIGN RECORD CHANGE LEVEL: A				
									ENGINEERING CHANGE DOCUMENTS:				
Item	Quadr.	Des. value / Upper- / Lower limit / Unit						Test date		Supplier Measurement Results		OK	NOT OK
1		3,90	3,90	3,70	mm				1	3,77	X		
									2	3,76	X		
									3	3,77	X		
									4	3,77	X		
									5	3,77	X		
2		0,95	0,95	0,90	mm				1	0,93	X		
									2	0,93	X		
									3	0,92	X		
									4	0,93	X		
									5	0,92	X		
3		1,40	1,50	1,30	mm				1	1,36	X		
									2	1,37	X		
									3	1,36	X		
									4	1,37	X		
									5	1,37	X		
4		73,00	74,00	72,00	°				1	73,69	X		
									2	73,71	X		
									3	73,65	X		
									4	73,66	X		
									5	73,66	X		
5		4,00	4,10	3,90	mm				1	4,09	X		
									2	4,09	X		
									3	4,08	X		
									4	4,09	X		
									5	4,09	X		
6		1,08	1,18	0,98	mm				1	1,14	X		
									2	1,13	X		
									3	1,12	X		
									4	1,13	X		
									5	1,12	X		
7		2,00	3,00	1,00	°				1	2,41	X		
									2	2,40	X		
									3	2,41	X		
									4	2,41	X		
									5	2,41	X		
8		0,75	0,85	0,65	mm				1	0,70	X		
									2	0,70	X		
									3	0,71	X		
									4	0,70	X		
									5	0,71	X		
9		4,10	4,20	4,00	mm				1	4,03	X		
									2	4,03	X		
									3	4,03	X		
									4	4,02	X		
									5	4,02	X		
10		2,20	2,30	2,10	mm				1	2,18	X		
									2	2,19	X		
									3	2,18	X		
									4	2,18	X		
									5	2,18	X		

Blanket statements of conformance are unacceptable for any test results.

Signature

Title

Date

A. Kaiser

Qualitätsvorausplanung 24.01.2023

DAIMLER


**Production Part Approval
Dimensional Test Results**

ORGANIZATION: Schroeder + Bauer Werkzeugbau St								PART NUMBER: 191049				
INSPECTION FACILITY: Qualitätsvorausplanung								PART NAME: Lamp fixture contact 2M5T-14474_DB				
								DESIGN RECORD CHANGE LEVEL: A				
								ENGINEERING CHANGE DOCUMENTS:				
Item	Quadr.	Des. value / Upper- / Lower limit / Unit					Test date		Supplier Measurement Results		OK	NOT OK
11		1,50	1,60	1,40	mm			1	1,49	X		
								2	1,49	X		
								3	1,49	X		
								4	1,49	X		
								5	1,49	X		
12		1,60	1,70	1,50	mm			1	1,76		X	
								2	1,76			
								3	1,76			
								4	1,77			
								5	1,77			
13		10,10	10,20	10,00	mm			1	10,10	X		
								2	10,11	X		
								3	10,11	X		
								4	10,11	X		
								5	10,11	X		
14		8,60	8,70	8,50	mm			1	8,56	X		
								2	8,57	X		
								3	8,57	X		
								4	8,57	X		
								5	8,57	X		
15		6,60	6,70	6,50	mm			1	6,54	X		
								2	6,54	X		
								3	6,55	X		
								4	6,55	X		
								5	6,55	X		
16		1,60	1,70	1,50	mm			1	1,59	X		
								2	1,59	X		
								3	1,59	X		
								4	1,58	X		
								5	1,58	X		
17		0,25	0,35	0,25	mm			1	0,31	X		
								2	0,31	X		
								3	0,31	X		
								4	0,31	X		
								5	0,31	X		
18		2,85	2,95	2,75	mm			1	2,81	X		
								2	2,81	X		
								3	2,82	X		
								4	2,81	X		
								5	2,81	X		
19		2,40	2,50	2,30	mm			1	2,37	X		
								2	2,36	X		
								3	2,37	X		
								4	2,36	X		
								5	2,37	X		
20		2,00	2,30	1,70	mm			1	1,99	X		
								2	1,99	X		
								3	1,98	X		
								4	1,99	X		
								5	1,99	X		

Blanket statements of conformance are unacceptable for any test results.

Signature

Title

Date

A. Kaiser

Qualitätsvorausplanung 24.01.2023

DAIMLER


**Production Part Approval
Dimensional Test Results**

ORGANIZATION: Schroeder + Bauer Werkzeugbau St									PART NUMBER: 191049				
INSPECTION FACILITY: Qualitätsvorausplanung									PART NAME: Lamp fixture contact 2M5T-14474_DB				
									DESIGN RECORD CHANGE LEVEL: A				
									ENGINEERING CHANGE DOCUMENTS:				
Item	Quadr.	Des. value / Upper- / Lower limit / Unit						Test date		Supplier Measurement Results		OK	NOT OK
21		10,60	10,70	10,50	mm				1	10,55	X		
									2	10,54	X		
									3	10,55	X		
									4	10,55	X		
									5	10,56	X		
22		2,40	2,50	2,30	mm				1	2,45	X		
									2	2,46	X		
									3	2,45	X		
									4	2,46	X		
									5	2,45	X		
23		3,00	3,10	2,90	mm				1	2,99	X		
									2	2,99	X		
									3	2,99	X		
									4	2,99	X		
									5	2,99	X		
24		6,10	6,20	6,00	mm				1	6,18	X		
									2	6,18	X		
									3	6,18	X		
									4	6,19	X		
									5	6,18	X		
25		0,40	0,60	0,40	mm				1	0,41	X		
									2	0,41	X		
									3	0,41	X		
									4	0,41	X		
									5	0,41	X		
26		3,60	3,70	3,50	mm				1	3,58	X		
									2	3,59	X		
									3	3,58	X		
									4	3,58	X		
									5	3,58	X		
27		7,20	7,30	7,10	mm				1	7,18	X		
									2	7,17	X		
									3	7,18	X		
									4	7,17	X		
									5	7,18	X		
28		1,00	1,20	1,00	mm				1	1,14	X		
									2	1,16	X		
									3	1,15	X		
									4	1,15	X		
									5	1,14	X		
29		3,15	3,25	3,05	mm				1	3,22	X		
									2	3,23	X		
									3	3,23	X		
									4	3,22	X		
									5	3,22	X		
30		1,45	1,65	1,45	mm				1	1,52	X		
									2	1,51	X		
									3	1,51	X		
									4	1,51	X		
									5	1,51	X		

Blanket statements of conformance are unacceptable for any test results.

Signature

Title

Date

A. Kaiser

Qualitätsvorausplanung 24.01.2023

DAIMLER


**Production Part Approval
Dimensional Test Results**

ORGANIZATION: Schroeder + Bauer Werkzeugbau St									PART NUMBER: 191049				
INSPECTION FACILITY: Qualitätsvorausplanung									PART NAME: Lamp fixture contact 2M5T-14474_DB				
									DESIGN RECORD CHANGE LEVEL: A				
									ENGINEERING CHANGE DOCUMENTS:				
Item	Quadr.	Des. value / Upper- / Lower limit / Unit						Test date		Supplier Measurement Results		OK	NOT OK
31		0,40	0,60	0,40	mm			1	0,60	X			
								2	0,60	X			
								3	0,60	X			
								4	0,60	X			
								5	0,60	X			
31.1		0,40	0,60	0,40	mm			1	0,60	X			
								2	0,60	X			
								3	0,60	X			
								4	0,60	X			
								5	0,60	X			
32		2,30	2,60	2,30	mm			1	2,58	X			
								2	2,58	X			
								3	2,59	X			
								4	2,58	X			
								5	2,58	X			
33		0,90	1,10	0,90	mm			1	0,93	X			
								2	0,92	X			
								3	0,93	X			
								4	0,92	X			
								5	0,93	X			
33.1		0,90	1,10	0,90	mm			1	0,92	X			
								2	0,91	X			
								3	0,92	X			
								4	0,92	X			
								5	0,92	X			
34		5,40	5,70	5,10	mm			1	5,36	X			
								2	5,36	X			
								3	5,36	X			
								4	5,36	X			
								5	5,35	X			
35		0,40	0,50	0,30	mm			1	0,39	X			
								2	0,40	X			
								3	0,39	X			
								4	0,38	X			
								5	0,39	X			
35.1		0,40	0,50	0,30	mm			1	0,39	X			
								2	0,38	X			
								3	0,38	X			
								4	0,39	X			
								5	0,39	X			

Blanket statements of conformance are unacceptable for any test results.

Signature

Title

Date

A. Kaiser

Qualitätsvorausplanun 24.01.2023

den 19.09.2022

SCHROEDER & BAUER
WERKZEUGBAU STANZTECHNIK GMBH & CO.
PFORZHEIMER STR. 37

75245 NEULINGEN 75
GERMANY

Seite 1

Abnahmeprüfzeugnis 3.1		Coil	Charge	Packliste	Auftrag	Kunde
EN 10204:2005		300791653S	J90230-1-1	2038751	3526116 - 1	01313601
Anzahl 4		Gewicht netto			3818,50 KG	
Packstuecke WM064305, WM064303, WM064304, WM064306						
Ihre Bestellung		1120289/PPAP				
Kunden-Material-Nummer		191046		Artikel		7904507
Band 0,4 x 28 mm						
CuSn6 (CW452K)						
Mechanische Prüfung						
		Soll		Ist		
		min.	max.	min.	max.	
Dicke	mm	0,385	0,41	0,394	0,397	
Breite	mm	27,9	28,1	27,99	28,04	
Zugfestigkeit	RM N/mm²	500	580	538	542	
Dehngrenze	RP 0.20 N/mm²			498	499	
Bruchdehnung	A 50mm %			19,5	21	
Härte	HV			182	182	
Leitfähigkeit	*m/(O mm²)	9		9,1	9,1	
Auflagendicke	Rein-Feuerverzinkt µm	4	6	4,15	4,32	
* Richtwert						
Chemische Zusammensetzung %						
NI					0.0101	
SN					5.9526	
PB					0.0027	
FE					0.0079	
ZN					0.0112	
P					0.0930	
CU					Rest	
Werkstoffprüfung				Telefon	:+49 541 321-4245	
Abnahmebeauftragter: Herr Teupe				Fax	:	
(Dieses Schreiben wurde maschinell erstellt und ist auch ohne Unterschrift gültig.)				Email	:CertificatesOS@kme.com	

Gemäß dem Ergebnis der vereinbarten Prüfungen wird bestätigt, dass die Lieferung den Vereinbarungen bei der Bestellannahme entspricht.
According to the result of the agreed inspections, we hereby certify that the material described above complies with the terms of the order contract.

KME Germany GmbH Postfach/P.O.B. 33 20 49023 Osnabrück Klosterstraße 29 49074 Osnabrück GERMANY
T +49 541 321-0 F +49 541 321-1366 info-germany@kme.com www.kme.com

KME Germany GmbH Sitz/Registergericht: Osnabrück HRB 214664 USt-IdNr.: DE284304446
Bankverbindung: HypoVereinsbank IBAN: DE11 2003 0000 0020 0926 01
Geschäftsführer: Kakha Avalliani, Claudio Pinassi Aufsichtsratsvorsitzende: Diva Moriani

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]: **SEGU Systemelektrik GmbH [3040]**
DUNS Number: **33-235-2921**
Street/Postal Code: **Am Eisberg 14**
Nat./ZipCode/City: **DE 36456 Barchfeld**
Supplier Code: **33-235-2921**
The contact is inactive. Please contact the following person instead
Contact Person: **Dirk Necke**
- Phone: **+49 36961 48945**
- Fax No.: **-**
- E-Mail Address: **dirk.necke@motherson.com**

1.2 Product Identification

Part/Item No.: **2M5T-14474-DB**
Description: **Terminal**
Legacy Spare Part: **No**
Report No.: **-**
Date of Report: **-**
Purchase Order No.: **-**
Bill of Delivery No.: **-**
Preliminary MDS: **No**
Multi Sourced: **No**
IMDS ID / Version: **476042199 / 1**
Node ID: **476042199**
MDS Status (Change Date): **Internally released (03/20/2014)**
Recipient Company (Org Unit) [ID]: **Nursan Elektrik Donanim Sanayi ve Ticaret A.S. [18239]**
Recipient Status (Change Date): **accepted (03/20/2014)**
Accepted by: **- -**

DAIMLER



Part Submission Warrant

Part Name Lamp fixture contact 2M5T-14474-DB Cust. Part Number 2M5T-14474-DB 107 901 356 059 J. Kiehl
 Shown on Drawing No. 2M5T-14474-DB Org. Part Number 191049
 Engineering Change Level A Date 09.02.2006
 Additional Engineering Changes _____ Date _____
 Safety and/or Government Regulation ☐ Yes ☒ No Purchase order No. _____ Weight 0,00075 kg
 Checking Aid No. _____ Checking Aid Engineering Change Level _____ Date _____

ORGANIZATION MANUFACTURING INFORMATION

Schroeder + Bauer Werkzeugbau Stanztechni
 Supplier Name & Supplier Code _____
 Pforzheimer Straße 37
 Street Address _____
 DE 75245 Neulingen-Bauschlott
 State Zip City

CUSTOMER SUBMITTAL INFORMATION

PKC SEGU Systemelektrik GmbH
 Customer Name/Division _____
 Buyer/Buyer Code _____
 Application _____

MATERIALS REPORTING

Has customer-required Substances of Concern information been reported? ☒ Yes ☐ No ☐ n/a
 Submitted by IMDS or other customer format: 51074581
 Are polymeric parts identified with appropriate ISO marking codes? ☐ Yes ☐ No ☒ n/a

REASON FOR SUBMISSION

- ☐ Initial submission ☐ Change to optional construction or material
☐ Engineering change(s) ☐ 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
Requalification 2022

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 organization's manufacturing location.

SUBMISSION RESULTS

The results for ☒ Dimensional measurements ☒ 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 Stamping

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 500 / 8 hours. I also certify that documented evidence of such compliance is on file and 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

Supplier Authorized Signature A. Kaiser Date 24.01.2023
 Print Name Kaiser, Alexander Phone No. +49 7237 / 423-925 Fax No. +49 7237 / 423-33
 Title Qualitätsvorausplanung E-mail a.kaiser@schroeder-bauer.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition: ☒ Approved ☐ Rejected ☐ Others _____
 Customer Signature J. Kiehl Date 26.01.2023
 Print Name Kiehl Customer tracking number (optional) PB-0034-1/01/23
Approved with lifetime declaration from 10.01.2019
Also valid for PKC part No: 07 501 356 059 and 07 901 356 059-1
(re-reel)



SCHROEDER+BAUER

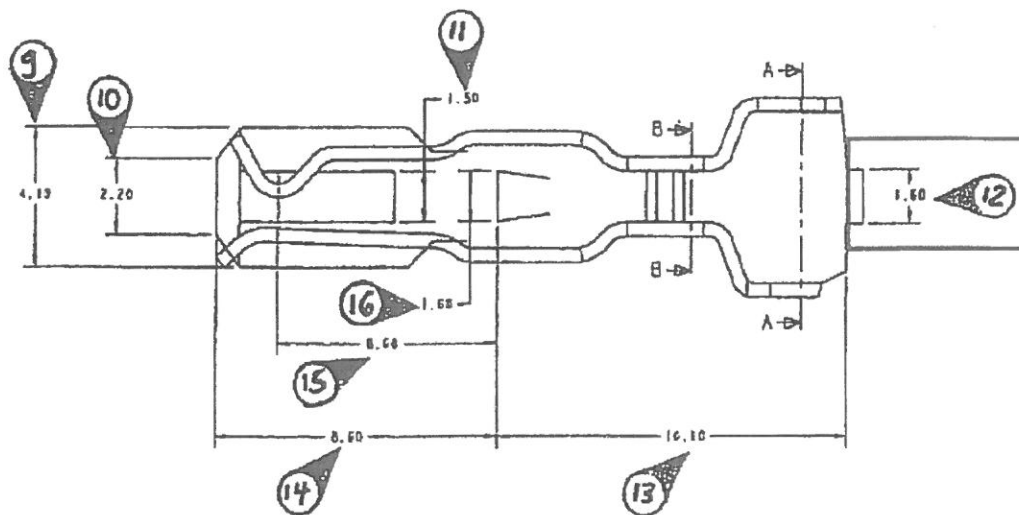
Lifetime declaration of no-objection

Project: TRMNL-WIR SNP ON FEM

Customer: PKC SEGU GmbH

Supplier: SCHROEDER+BAUER Werkzeugbau Stanztechnik GmbH + Co. KG

The dimension $1,6 \pm 0,1$ mm (position 12) was designed from the beginning of the project of 1,78mm. The reason is, that you get more stability between the carrier strip and the contact. If we reduce the dimension between the carrier strip and the contact of 1,6mm, We reduce the stability more than 10%!
We think that we have after this dimensional change a problem with the quality. The risk is, that we get bent or twisted parts.
So our request is, that we get from you a release about a dimension $1,7 \pm 0,12$.
You can be assured that the dimension was always 1,7 to 1,82mm.



Signature: *[Signature]*

Stefan Hofsäß

Date: 10.01.2013