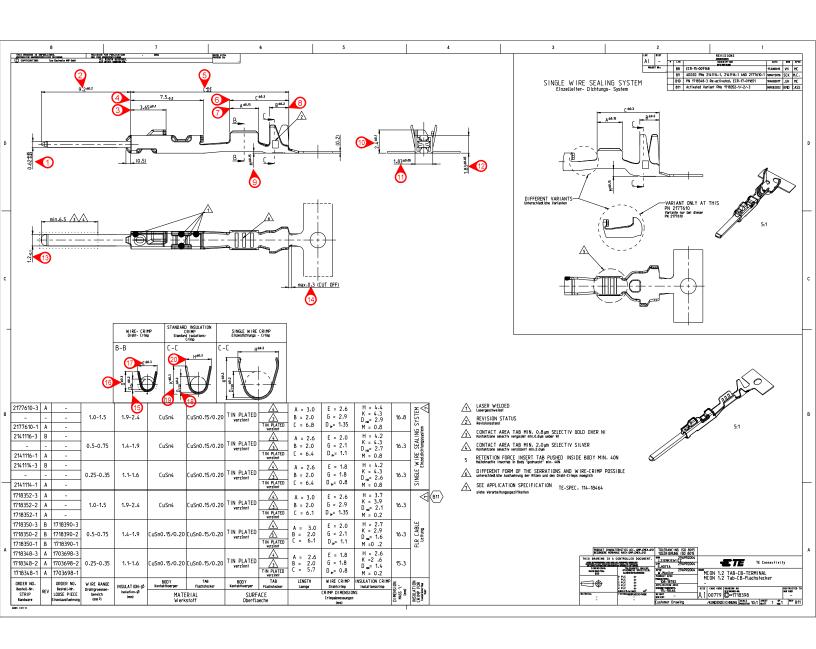


| | | B STC SN | | ust. i ait | Number | n/a | |
|--|--|--|--|--|--|--|-------------------|
| Shown on Drawing Number | C- | 1718398 | | Org.Part | Number | 1718348-1 | |
| Engineering Change Level | | B11 | | - | Dated | 08.02.2022 | |
| Additional Engineering Changes | | n/a | | | Dated | n/a | |
| Safety and/or Government Regu | lation Yes | S V No | Purchase O | rder No. | n/a | Weight (kg) | 0.274 g |
| Checking Aid Number | <i>n/a</i> Che | cking Aid Engineeri | ng Change Level | | n/a | Dated | n/a |
| ORGANIZATION MANUFAC | CTURING INFORMAT | ION | custo | MER S | SUBMITTAL IN | FORMATION | |
| TYCO ELECTRONICS A | MP GMBH / 323 | 3462481 | | ٨ | lursan Kablo | Donanimlari | |
| Organization Name and Supplier | r Code | | Custome | er Name | /Division | | |
| AMPERESTR 14 | | | | | n | /a | |
| Street Address | | | Buyer/B | uyer Coo | de | | |
| Woert | 73499 | DE | | | AII M | odels | |
| City Region | Postal Code | Country | Applicat | ion | | | |
| MATERIALS REPORTING Has customer-required Substand Submi | ce of Concern information | • | 70381535 | Yes | ☐ No | ☐ n/a | |
| Are polymeric parts identified wit | | ng codes? | | Yes | □ _{No} | v n/a | |
| Initial submission | | | | | | nal Construction or M | |
| Engineering Change(s) Tooling: Transfer Repla | acement, Refurbishment, | or additional | | H | Sub-Supplier or Change in Part F | Material Source Chan Processing | ge |
| Correction of Discrepan | | or additional | | H | • | at Additional Location | |
| Tooling Inactive > than | 1 year | | | | Other - please sp | pecify | |
| = | and for designated appear product samples and limit | ed supporting data | | | submitted to cust | tomer. | |
| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SUBMISSION RESULTS The results for | stamping ented by this warrant are addition Requirements. I fur addition ridence of such complian PSW coversheet Report is still valid | material and for the affirm that these is on file and to d, no form-fit-ful | ata submitted to cus ata reviewed at suppunctional tests No (If "No" - E ur parts, which were se samples were pro available for review. Report No. 22/ | tomer. lier's ma appe explanation made by oduced a I have r | earance criteria on Required) y a process that m it the production re- noted any deviation | statistical proces | art ours |
| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SUBMISSION RESULTS The results for | other requirements as deforoduct samples and compositional measurement cord requirements: Stamping ented by this warrant are redition Requirements. I fur ridence of such complian PSW coversheet Report is still valid | material and for the affirm that these is on file and to is additional to | ata submitted to cus ata reviewed at suppunctional tests No (If "No" - E ur parts, which were se samples were pro available for review. Report No. 22/ nction changes | tomer. lier's ma appe explanation made by duced a I have r 194932 on this | earance criteria on Required) y a process that m the production ranoted any deviation compared by part. | statistical proces | art ours |
| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SUBMISSION RESULTS | other requirements as deforoduct samples and compositional measurement cord requirements: Stamping ented by this warrant are redition Requirements. I fur ridence of such complian PSW coversheet Report is still validate Region and numbered? | material and for Yes representative of outlier affirm that these is on file and is a distribution of the form-fit-fur. | ata submitted to cus ata reviewed at suppunctional tests No (If "No" - E ur parts, which were se samples were pro available for review. Report No. 22/ nction changes | made by oduced a I have r 194932 on this | earance criteria on Required) y a process that m it the production ra noted any deviation g part. y n/a | statistical proces | art burs on |
| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SUBMISSION RESULTS The results for | other requirements as deforoduct samples and compositional measurement cord requirements: Stamping Intented by this warrant are redition Requirements. I fur ridence of such complian PSW coversheet Report is still validate tagged and numbered? | material and for Yes representative of outlier affirm that these is on file and is a distribution of the form-fit-fur. | ata submitted to cus ata reviewed at supp unctional tests No (If "No" - E ur parts, which were se samples were pro available for review. Report No. 22/ nction changes Yes O. +91 080 6702 | made by oduced a I have r 194932 on this | earance criteria on Required) y a process that m it the production ra noted any deviation g part. y n/a | statistical proces neets all Production Properties of prorietary / 8 hours from this declaration Date 04.11 | art burs on |
| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SUBMISSION RESULTS The results for | other requirements as deforoduct samples and compositional measurement cord requirements: Stamping ented by this warrant are undition Requirements. I fur didence of such complian PSW coversheet Report is still valid tagged and numbered? Interest armi | material and for Yes representative of outher affirm that these is on file and is a distance in a distance in the form of the | ata submitted to cus ata reviewed at suppunctional tests No (If "No" - E ar parts, which were se samples were pro available for review. Report No. 22/ nction changes Yes | tomer. blier's ma appe explanation made by boduced a I have r 194932 on this No | earance criteria on Required) y a process that m it the production ra noted any deviation g part. y n/a | statistical proces neets all Production Properties of prorietary / 8 hours from this declaration Date 04.11 | art burs on |
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| Level 3 - Warrant with p Level 4 - Warrant and o Level 5 - Warrant with p SubMISSION RESULTS The results for | other requirements as deformed to the product samples and comparisonal measurement cord requirements: Stamping ented by this warrant are addition Requirements. I furridence of such complian PSW coversheet Report is still validating and numbered? Internal inter | material and for the raffirm that these is on file and is additional to d, no form-fit-fur than the second than the second that the second tha | ata submitted to cus ata reviewed at suppunctional tests No (If "No" - E or parts, which were se samples were pro available for review. Report No. 22/ nction changes Yes | made by oduced a I have r 194932 on this No | earance criteria on Required) y a process that m at the production ranoted any deviation s part. y n/a Fax | statistical proces neets all Production Pate of prorietary / 8 hours from this declaration Date 04.11 | art burs on |





Production Part Approval Dimension Test Results

22/194932

1718348-1 PART NUMBER MCON 1.2 CB TAB STC SN SUPPLIER/VENDER CO TYCO ELECTRONICS AMP GMBH PART NAME INSPECTION FACILITY DESIGN RECORD CHANGE LEVEL C-1718398 **WOERT** ENGINEERING CHANGE DOCUMENET B11 DIMENSION/ ORGANIZATION MEASUREMENT RESULT LSL USL OK NOT OK ITEM **SPECIFICATION** (Tol+) (Tol-) (DATA) 1 0.63 0.05 -0.03 0.62 Х 2 9.20 9.23 0.20 -0.2 Х 3 3.65 0.10 -0.10 3.68 Х 7.50 7.44 0.00 -0.20 4 Х 15.30 0.20 -0.40 5 15.19 Х 6 С 5.70 0.30 -0.30 5.74 Х 2.60 7 Α 0.15 -0.15 2.66 Х 2.00 0.20 -0.20 1.98 8 В Х Μ 0.20 9 0.15 -0.15 0.25 Х 2.40 10 0.10 -0.10 2.42 Х 11 1.83 0.05 -0.05 1.83 Х 1.83 0.05 1.83 12 -0.05 Х 13 1.20 0.00 -0.10 1.16 Х 14 0.30 on strip not measureable max max 0.80 DDr 0.20 -0.20 0.80 15 Х G 1.80 1.76 16 0.30 -0.30 Х 17 lΕ 1.80 0.30 -0.30 1.88 Х 1.40 Diso 18 0.20 -0.20 1.38 Х Κ 2.60 0.30 -0.30 2.51 19 Х 2.60 20 Н 0.30 -0.30 2.66 Х

Blanked statements of conformance are unacceptable for any test results

| <u>SIGNATURE</u> | <u>TITEL</u> | <u>DATE</u> |
|------------------|---------------------|-------------|
| Veda Kulkarni | Quality Engineering | 11.08.2022 |

Production Part Approval

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Page 1 of 1 Pages

22/194932

| ORGANIZA | | | | | PART NUME | | 1718348-1 | | | | |
|-----------|-------------------------|---------------|--------------|----------------|--|--|------------|--------------|--|-----------|--|
| | VENDOR CODE TYCO EL | ECTRONICS A | MP G | ИВН | PART NAME | | | B TAB STC SN | | | |
| INSPECTIO | ON FACILITY | | | | DESIGN RECORD CHANGE LEVEL: C-1718398 ENGINEERING CHANGE DOCUMENTS B11 | | | | | | |
| | WOERT | | | | ENGINEERII | NG CHANGE | DOCUMENTS | 8B11 | | | |
| | T | SPECIFICATION | ı | 1 | | | | | $\overline{}$ | _ | |
| ITEM | DIMENSION/SPECIFICATION | 1 | TEST DATE | QTY. TESTED | ORGANIZATION MEASUREMENT RESULT (DATA) | | | | ок | NOT OK | |
| | | LIMITS | DATE | IESIED | | INLO | OCT (DATA) | | _ | UK | |
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| | Cuono, 15 | | | | Cuono, i | | | | Х | _ | |
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Blanked statements of conformance are unacceptable for any test results

| SIGNATURE | TITEL | <u>DATE</u> | |
|---------------|---------------------|-------------|--|
| Veda Kulkarni | Quality Engineering | 11.08.2022 | |



Abnahmeprüfzeugnis EN 10204 3.1

| Kunde | Unsere Auftrags-Nr. | 71635 / 20 | Ausdruck vom | 21.07.2022 |
|--|--|--------------|--------------------|----------------------|
| TE Connectivity Germany GmbH | Unsere Artikel-Nr. | 95-077-24847 | Lieferschein / Pos | 80845526 / 10 |
| Ampèrestrasse 12-14 64625 Bensheim | Ihre Bestell-Nr. | 2550202181 | Liefermenge | 2586 KG 🗸 |
| | Ihre Artikel-Nr. | 4-705703-2 B | Gieß-Charge | 1000120168 |
| | Packstück-Nr. | | Kundennorm | TEC-100-1343-E1 R420 |
| | CN116664 CN116680 | | | TEC-112-20-3 Rev.AF |
| Werkstoff KHP®15, CuSn0.15, C14415, CW117C | To the control of the | | | |
| Abmessung 0,620 x 19,500 mm | | | | |

Chemische Zusammensetzung des Grundwerkstoffes

| | 99,86 | 0,003 | 0,12 | 0,006 | 0,001 | 0,0016 |
|------|-------|-------|------|-------|-------|--------|
| | Cu % | Pb % | Sn % | P % | Fe % | Ag % |
| max. | | 0,020 | 0,25 | 0,020 | 0,050 | 0,0200 |
| min. | | | 0,10 | 0,005 | | |

Mechanische Werte

| Nr. | Merkmal | Soll- | Wert | Ist- | Wert |
|------|---------------------------------------|-------|-------|-------|-------|
| INI. | Merkmai | min. | max. | min. | max. |
| 1 | Säbel - mm /1m | | 2,0 | 0,6 | 1,2 |
| 2 | Breite - mm | 19,45 | 19,55 | 19,52 | 19,53 |
| 3 | Dicke - mm - SC | 0,610 | 0,630 | 0,620 | 0,624 |
| 4 | Streckgrenze (Rp0,2) - N/mm2 | 350 | | 405 | 406 |
| 5 | Zugfestigkeit (Rm) - N/mm2 | 420 | 490 | 429 | 431 |
| 6 | Bruchdehnung (A50) - % | 2 | | 5 | 6 |
| 7 | Härte (HV) - | | | 127 | 128 |
| 8 | Elektrische Leitfähigkeit - m/Ohm mm2 | 45,0 | | 49,3 | 49,3 |
| 9 | Rautiefe Ra - µm | | 0,35 | 0,10 | 0,12 |
| 10 | Korngröße - μm | | 30 | 17 | 17 |
| 11 | Biegeprüfung 180°II - R=1,55 b=17 | | | i.O. | i.O. |
| 12 | Biegeprüfung 180° R=1,24 b=17 | | | i.O. | i.O. |
| 13 | Schneidgrat max 0,062 mm | | | i.O. | i.O. |
| 14 | Sn feuerverzinnt Dicke - μm | 0,80 | 1,50 | 0,88 | 1,36 |
| 15 | Kugelverschleißtest - | | | i.O. | i.O. |

Bemerkungen

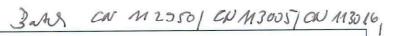
Konformitätserklärung: Hiermit bestätigen wir, dass die gelieferten Erzeugnisse die in der Auftragsbestätigung genannten Forderungen erfüllen.

Directive 2011/65/EU ,RoHS' Bestätigung spezieller Directive 2000/53/EG ,End-of-Life Vehicles Directive' Anforderungen

geprüft und freigegeben (Datum, Name) 16.07.2022, Michael Weber

(Abnahmebeauftragter)

Dieses Dokument wurde maschinell erstellt und ist ohne Unterschrift gültig.





Abnahmeprüfzeugnis EN 10204 3.1

23.6. 2022

| Kunde | | Unsere Auftrags-N | Ir. 7163 | 32 / 10 | Ausdruc | k vom | 22.06.2022 | |
|------------------------|--|--|---|--------------------|---------------|---------------|----------------|-----------|
| | ectivity Germany GmbH | Unsere Artikel-Nr. | 95-0 | 77-24607 | Lieferscl | nein / Pos | 80813275 / | 10 |
| | trasse 12-14 ensheim | Ihre Bestell-Nr. | 2550 | 163680 | Lieferme | enge | 6806 KG | |
| J-1020 DI | Shoneim | Ihre Artikel-Nr. | 7-70 | 4492-9 AS | Gieß-Ch | arge | 100011567 | 8 |
| | | Packstück-Nr. | | | Kundeni | | TEC-100-134 | 13-E1 R42 |
| | | A CONTRACTOR OF THE PROPERTY O | 113005 | CN113016 | | | TEC-112-20- | 5 Rev.AF |
| Werksto | KHP®15, CuSn0.15, C14415, CW117C | J SKITIZOGO GIA | 110000 | | | | | |
| Abmessı | ung 0,200 x 22,000 mm | | | | | | | |
| Chemiso | he Zusammensetzung de | s Grundwerkstoffes | 3 | | | | | |
| min. | 1 1 1 | 0,10 0,005 | | | | | | |
| max. | 1 | 0,25 0,020 | 0,050 | 0,0200 | | | | |
| | | Sn % P % | Fe % | Ag % | | | | |
| | 1 12 May 1997 W. W. Well 2009 | 0,11 0,006 | 0,009 | 0,0020 | | | | |
| Mechani | sche Werte | | | | | | | |
| | managami of Colombian | | | I | Soll- | Wert | lst-V | Wert |
| Nr. | Merkmal | | | - | min. | max. | min. | max. |
| 1 | Säbel - mm /1m | | | | 111111 | 2,0 | 0,3 | 0,7 |
| 2 | Breite - mm | | | | 21,95 | 22,05 | 22,01 | 22,03 |
| 3 | Dicke - mm - SC | | | | 0,190 | 0,210 | 0,198 | 0,203 |
| 4 | Streckgrenze (Rp0,2) - N/m | nm2 | | | 350 | 0,210 | 452 | 452 |
| | | | | | | 490 | 470 | 471 |
| 5 | Zugfestigkeit (Rm) - N/mm2 | 2 | | | 420 2 | 490 | 470 | 5 |
| 6 | Bruchdehnung (A50) - % | | | | 2 | | | WY-Basis |
| 7 | Härte (HV) - | | | | 45.0 | | 138 | 138 |
| 8 | Elektrische Leitfähigkeit - n | n/Ohm mm2 | | | 45,0 | | 49,9 | 49,9 |
| 9 | Rautiefe Ra verzinnt - µm | | | | | 0,35 | 0,08 | 0,10 |
| 10 | Korngröße - μm | | | | | 30 | 18 | 18 |
| 11 | Biegeprüfung 180°II - R=0 | ,50 b=17 | | | | | i.O. | i.O. |
| 12 | Biegeprüfung 180° R=0 | | | | | | i.O. | i.O. |
| 13 | Schneidgrat max 0,020 r | | | | | | i.O. | i.O. |
| 14 | Sn feuerverzinnt Dicke - μn | n | | | 1,00 | 3,00 | 2,03 | 2,14 |
| 15 | Kugelverschleißtest - | | | | | | i.O. | i.O. |
| 16 | Löttest DIN IEC68 T2-20-1 | - | | | | | i.O. | i.O. |
| Bemerkur | ngen | | | | | | | |
| Konformit erfüllen. | ätserklärung: Hiermit bestätig | gen wir, dass die gelie | ferten Erze | eugnisse die in de | r Auftragsbes | stätigung ger | nannten Forder | ungen |
| Bestätigu Anforderu | | 011/65/EU ,RoHS' 000/53/EG ,End-of-Lif | e Vehicles | Directive | | | | |
| geprüft i | und freigegeben (Datun | n, Name) 10.06.2 | 2022. Fa | hrettin Top | | (Abnah | mebeauftrag | ater) |
| | The state of the s | | W-150-150-150-150-150-150-150-150-150-150 | | Ware un | ter Vorbet | ait der Man | |
| Dieses Do | kument wurde maschinell er | stellt und ist onne Unt | ersonrin gi | uiug. | und Qua | litätsprüfu | ng angenom | men |
| | | | | | 1 | and | | |

Gebr. Kemper GmbH + Co. KG Harkortstraße 5 57462 Olpe Postfach 15 20 57445 Olpe USt-IdNr.: DE 126181677

Tel. +49 2761 891-0 Fax +49 2761 891-175 info@kemper-olpe.de

www.kemper-olpe.de

Kommanditgesellschaft Sitz Olpe Handelsregister Siegen, HRA 7213, persönlich haftende Gesellschafter: Kemper Verwaltungsgesellschaft mbH, Sitz Olpe, Handelsregister Siegen, HRB 6762, Rupprecht Kemper

Geschäftsführer Christian Küster, Dr. Michael Rehse,

Bankverbindungen Deutsche Bank AG Olpe Commerzbank AG Olpe Sparkasse Olpe HypoVereinsbank Siegen

Postbank Köln

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Unterschrift WE Halle 11

Unterschrift Fahre

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