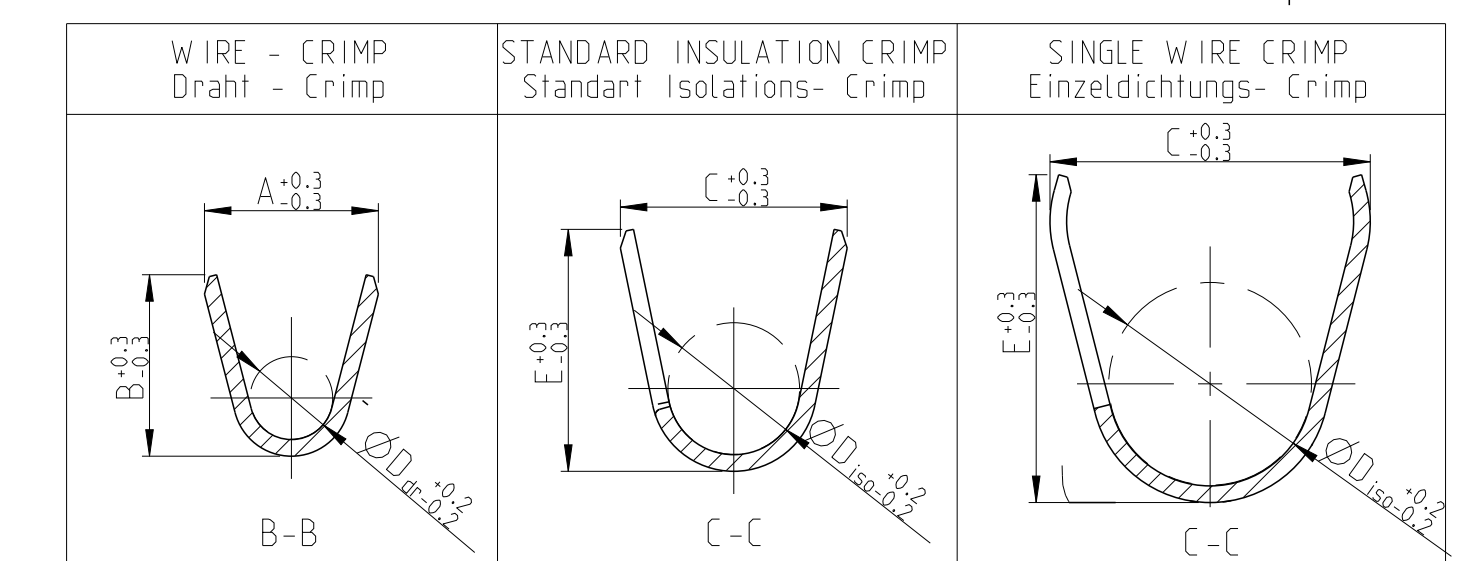


| REVISONS | | DATE | DN | APVD |
|----------|---|-----------|------|------|
| G2 | PN 1394897 AND 1418847 OBSOLETE | 15NOV2012 | S.R. | C.G. |
| G3 | ECR-14-006680 CANCELED | 12JUN2014 | Abt | Raab |
| G4 | Loose Piece Parts removed from Table. ECR-14-012725 | 25AUG2014 | Abt | Raab |
| G5 | Tolerance from dim. J changed (drawing failure) | 02FEB2015 | Ho. | Raab |



| VERSION / Ausführung | Rev. | BODY Kontakt-koerper | | SPRING Kontakt-feder | | RANGE Bereich | AWG mm ² | INSULATION Isolations-φ | WIRE CRIMP Drahtcrimp | ISOLATION CRIMP Isolationscrimp | AS PRODUCTS ON CARRIERSTRIP wie Bandware | F | G | H | J | K | TE NO. | MASTER APPLICATION-TOOL Basis Crimp-Werkzeug | DIE-PN FOR BASIC-HAND TOOL 539635-1 ERGO-CRIMP Matrizen PN fuer Basishandzange 539635-1 ERGO-Crimp | | | | | | |
|-----------------------------------|-----------|----------------------|--------------------|--|---------------------|--------------------------|---------------------|-------------------------|-----------------------|---------------------------------|--|------|------|------|------|------|--------|--|--|-------------------------------|----------------------------------|--|----------|---------|-------------|
| | | MATERIAL Werkstoff | SURFACE Oberfläche | WIRE-SIZE RANGE ISOLATIONS DIAMETER Leiterquerschnitt mm ² Isolationsdurchmesser mm | STRIP FORM/Bandware | | | | | | | | | | | | | | | LOOSE PIECE/ Einzelausführung | EXTRACTION TOOL Ausdruckwerkzeug | EXTRACTION TOOL FOR SECONDARY LOCK Ausdruckwerkzeug fuer zweite Kontaktsicherung | | | |
| SINGLE WIRE SEAL / Einzeldichtung | 1418841-3 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.14 | 26 | 0.14 | 1.05 | | | | | | | | | | | | | | | |
| | 1418841-2 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.22 | | | 1.2 | 1.55 | 1.55 | 0.65 | 4.25 | 4.3 | 2.6 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-2 | 963142-2 | 1528151 | 4-1579001-8 |
| | 1418841-1 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.1 | 1.85 | 1.85 | 0.8 | 4.25 | 4.3 | 2.6 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-2 | 963142-2 | 1528152 | 3-1579001-9 |
| STANDARD CRIMP | 1418844-3 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.25 | 24 | | 1.1 | 1.85 | 1.85 | 0.8 | 4.25 | 4.3 | 2.6 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-1 | 963142-1 | 1528674 | 5-1579021-7 |
| | 1418844-2 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.35 | 22 | | 1.75 | 2.1 | 2.1 | 1.1 | 4.25 | 4.3 | 2.7 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-1 | 963142-1 | 1528153 | 3-1579001-8 |
| | 1418844-1 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.4 | 2.1 | 2.1 | 1.1 | 4.25 | 4.3 | 2.7 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-1 | 963142-1 | 1528154 | 3-1579001-7 |
| SINGLE WIRE SEAL / Einzeldichtung | 1670146-3 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.5 | 20 | 0.5 | 1.4 | 2.3 | 2.5 | 1.1 | 4.25 | 4.3 | 2.7 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-1 | 963142-2 | 1528153 | 3-1579001-8 |
| | 1670146-2 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.75 | | | 1.9 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| | 1670146-1 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.9 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| SINGLE WIRE SEAL / Einzeldichtung | 1418847-3 | D | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.5 | 20 | 0.5 | 1.4 | 2.3 | 2.5 | 1.1 | 4.25 | 4.3 | 2.7 | 2.6 | 2 | 6.4 | 0.8 | 16 | 967067-1 | 963142-2 | 1528153 | 3-1579001-8 |
| | 1418847-2 | D | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.75 | | | 1.9 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| | 1418847-1 | D | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.9 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| STANDARD CRIMP | 1418850-3 | B | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 1.0 | 18 | | 1.9 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| | 1418850-2 | B | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 1.5 | 16 | | 2.4 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| | 1418850-1 | B | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 2.4 | 2.6 | 2.95 | 1.3 | 4.45 | 4.3 | 2.9 | 3 | 2 | 6.8 | 0.8 | 16.5 | 967067-1 | 967067-1 | 1528154 | 3-1579001-7 |
| STANDARD CRIMP | 1452500-3 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.14 | 26 | 0.14 | 1.05 | | | | | | | | | | | | | | | |
| | 1452500-2 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.22 | | | 1.2 | 1.55 | 1.55 | 0.65 | 2.1 | 2.1 | 1.1 | 2.6 | 2 | 5.7 | 0 | 15 | - | - | 1528146 | 3-1579001-6 |
| | 1452500-1 | - | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.1 | 1.85 | 1.85 | 0.8 | 2.65 | 2.65 | 1.4 | 2.6 | 2 | 5.7 | 0.2 | 15 | - | - | 1528147 | 0-1579001-6 |
| STANDARD CRIMP | 1534594-3 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.25 | 24 | | 1.1 | 1.85 | 1.85 | 0.8 | 2.65 | 2.65 | 1.4 | 2.6 | 2 | 5.7 | 0.2 | 15 | - | - | 1528147 | 0-1579001-6 |
| | 1534594-2 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.35 | 22 | | 1.75 | 2.1 | 2.1 | 1.1 | 2.8 | 2.9 | 1.6 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528673 | 5-1579021-6 |
| | 1534594-1 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.9 | 2.1 | 2.1 | 1.1 | 2.8 | 2.9 | 1.6 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528673 | 5-1579021-6 |
| STANDARD CRIMP | 1670144-3 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.5 | 20 | 0.5 | 1.4 | 2.1 | 2.1 | 1.1 | 2.8 | 2.9 | 1.6 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528673 | 5-1579021-6 |
| | 1670144-2 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.75 | | | 1.9 | 2.1 | 2.1 | 1.1 | 2.8 | 2.9 | 1.6 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528673 | 5-1579021-6 |
| | 1670144-1 | A | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.9 | 2.1 | 2.1 | 1.1 | 2.8 | 2.9 | 1.6 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528673 | 5-1579021-6 |
| STANDARD CRIMP | 1394897-3 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 0.5 | 20 | 0.5 | 1.4 | 2.3 | 2.5 | 1.1 | 3 | 3.2 | 1.75 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528148 | 0-1579001-5 |
| | 1394897-2 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 0.75 | | | 1.9 | 2.3 | 2.5 | 1.1 | 3 | 3.2 | 1.75 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528148 | 0-1579001-5 |
| | 1394897-1 | E | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 1.9 | 2.3 | 2.5 | 1.1 | 3 | 3.2 | 1.75 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528148 | 0-1579001-5 |
| STANDARD CRIMP | 1452503-3 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | 1.0 | 18 | | 1.9 | 2.6 | 2.95 | 1.3 | 3.75 | 3.95 | 2.1 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528150 | 1-1579001-3 |
| | 1452503-2 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | GOLD PLATED verguldet | 1.5 | 16 | | 2.4 | 2.6 | 2.95 | 1.3 | 3.75 | 3.95 | 2.1 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528150 | 1-1579001-3 |
| | 1452503-1 | C | CuSn0.15 | CuNi3Si | TIN PLATED verzinkt | SILVER PLATED versilbert | | | | 2.4 | 2.6 | 2.95 | 1.3 | 3.75 | 3.95 | 2.1 | 3 | 2 | 6.1 | 0.2 | 16 | - | - | 1528150 | 1-1579001-3 |

NOTES

- 1 BODY
 - 2 SPRING
 - 3 ONLY FOR FLR-WIRE SEE DIN 72551, PART 6 AND AWG WIRE ACCORDING DC-SPEC: MS-8288; MS-7889; MS-9532
 - 4 SURFACE
 a) BODY
 -PRE TIN 1 TO 3 μm
 b) SPRING
 -PRE TIN SnAg 1 TO 3 μm
 -GOLD PLATED MIN. 0.8 μm (ONLY CONTACT AREA)
 -SILVER PLATED 2 TO 5 μm (ONLY CONTACT AREA)
 - 5 STAMPED INDICATOR FOR PLATING:
 - A U GOLD PLATING
 - A G SILVER PLATING
 - TIN PLATING WITHOUT INDICATOR
 - 6 OPTIONAL DATE CODE
 - 7 1394897-1, -2, -3 superseded by 1670144-1, -2, -3
 1418847-1, -2, -3 superseded by 1670146-1, -2, -3
- CAUTION!
 PART NUMBERS 1670144 AND 1670146 ARE PROCESSED WITH OTHER CRIMP HEIGHTS. SEE APPLICATION SPECIFICATION NO.114-18464 UP FROM REVISION "P"

Bemerkungen

- 1 Kontaktkoerper
 - 2 Kontaktfeder
 - 3 Nur fuer FLR-Leitung nach DIN 72551, Teil 6 und AWG Leitung nach DC-Spec: MS-8288; MS-7889; MS-9532
 - 4 Oberflaeche
 a) Kontaktkoerper
 -verzinkt 1 bis 3 μm
 b) Kontaktfeder
 -verzinkt SnAg 1 bis 3 μm
 -galv. verguldet min. 0.8 μm (nur Kontaktzone)
 -galv. versilbert 2 bis 5 μm (nur Kontaktzone)
 - 5 Markierung fuer galvanische Ausfuehrung:
 - A U verguldet
 - A G versilbert
 - Verzinkt: ohne Markierung
 - 6 Optional Datumscode
 - 7 1394897-1, -2, -3 ersetzt durch 1670144-1, -2, -3
 1418847-1, -2, -3 ersetzt durch 1670146-1, -2, -3
- ACHTUNG!
 Teilenummern 1670144 und 1670146 werden mit anderen Crimphoehen verarbeitet. Siehe Verarbeitungsspezifikation Nr.114-18464 ab Revision "P"

DIFFERENT FORM OF THE SERRATIONS POSSIBLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | |
|-------------|---|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| mm | 0 PLC #0.2 1 PLC #0.2 2 PLC #0.2 3 PLC #0.2 4 PLC #0.2 ANGLES #° |

MATERIAL: - FINISH: -

| | |
|-------------------|-----------------|
| OWNER: G. Hotea | DATE: 17AUG2001 |
| CHK: E. Herth | DATE: 11MAR2002 |
| APVD: H. Wendling | DATE: 12MAR2002 |

NAME: MCON 1.2 CB (CLEAN BODY)

SIZE: 114-18464
 WEIGHT: 0.18 g
 Customer Drawing

SCALE: 10:1 SHEET: 1 OF 1 REV: G5

Mouser Electronics

Authorized Distributor

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