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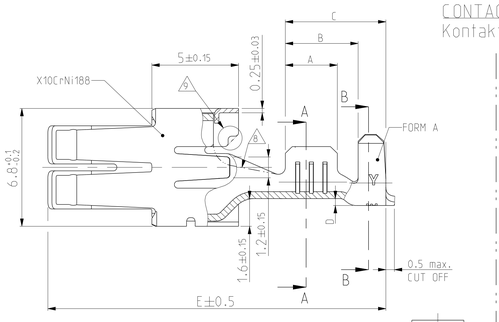
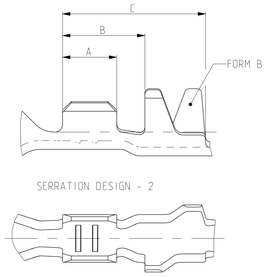
| LOC | DIST |
|---|---|
| A1 | - |

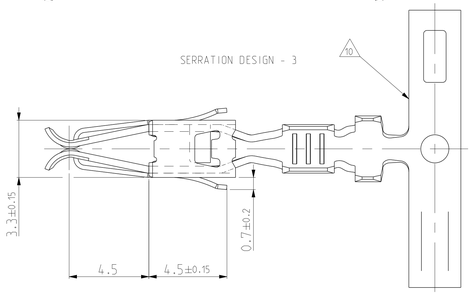
REVISIONS

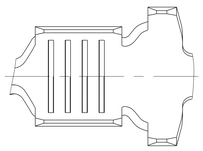
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B7 | ECR-16-008147 | 22JUN2016 | VH | JP |
| | B8 | SERRATION VIEWS ARE ADDED | 19MAY2017 | JJH | JP |
| | B9 | CORRECTED PN'S TABLE BY ADDING PN 964332-5 | 23AUG2017 | GH | JC |
| | B10 | ADDED REFERENCE TO SMBT CRIMP HEIGHT | 12JAN2018 | JP | JC |

## CONTACTS FOR FLR AND FLK CABLES
Kontakte fuer flr und FLK-Leitung

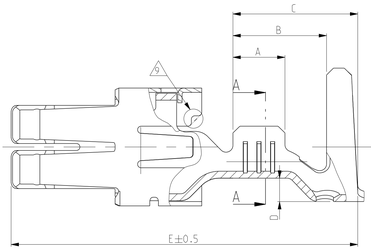


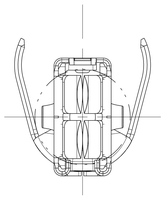



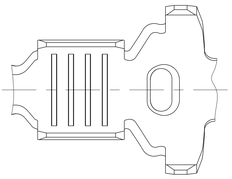



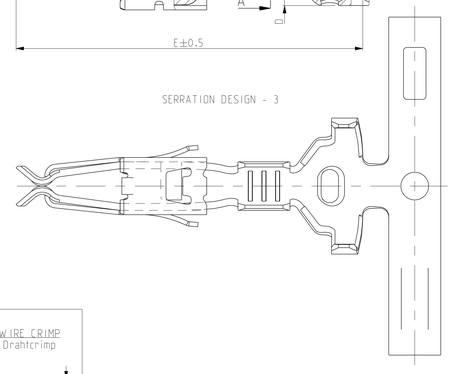

## CONTACTS FOR SINGLE WIRE SEALING SYSTEM: FLR- AND FLK- CABLE
Kontakte fuer Einzel - Dichtung - System: FLR- UND FLK - Leitung



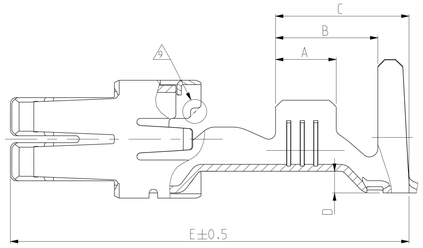



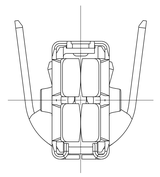
SERRATION DESIGN - 1



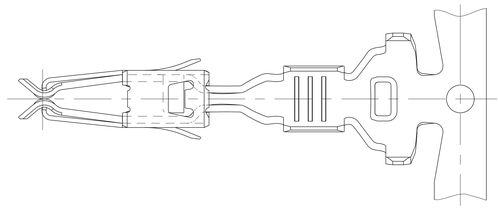


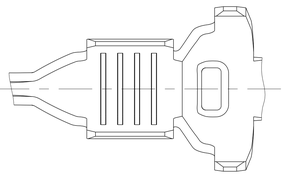

ONLY FOR PN: 968035, 968037 and 1670426
Nur fuer PN:



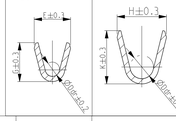



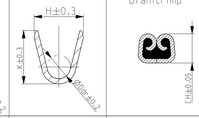
SERRATION DESIGN - 1

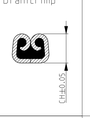




DIMENSIONS SEE FIGURE CONTACTS FOR FLR - CABLE
Masse siehe Darstellung der Kontakte fuer FLR -Leitung




| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | >4.0 - 6.0 INCL - AWG 10 | >3.6 - 5.1 6.0 (SEAL) | - | - | A=4.30 B=6.50 C=8.30 D=1.45 E=20.0 | E =5.30 G =5.60 $D_{Br}$ =2.90 | H =8.15 K =8.00 $D_{150}$ =6.00 | 5.00mm² = 2.36 6.00mm² = 2.55 PRELIMINARY vorlaeufig |
| - | - | - | - | - | - | | | - | - | | | | |
| ~~1-1670426-6~~ | B | - | - | - | - | | | CuNiSi | 7 | | | | |
| 2-968037-4 | B | - | - | - | - | >2.5 - 4.0 | 3.4 - 3.7 | CuSn4 | 5 | A=4.00 B=5.90 C=7.70 D=1.25 E=23.0 | E =4.60 G =4.80 $D_{Br}$ =2.40 | H =7.60 K =7.70 $D_{150}$ =5.60 | 4.00mm² = 2.35 3.00mm² = 2.13 |
| 1-968037-4 | B | - | - | - | - | | | CuFe2 | sel. Gold 3 | | | | |
| 0-968037-2 | B | - | - | - | - | | | CuSn4 | vorverzinnt | | | | |
| - | - | - | - | 2-968035-4 | B | >1.0 - 2.5 | 2.7 - 3.7 | CuSn4 | 5 | A=3.50 B=5.90 C=7.70 D=1.25 E=23.0 | E =3.80 G =4.10 $D_{Br}$ =1.60 | H =7.60 K =7.70 $D_{150}$ =5.60 | 1.50mm² = 1.76 2.00mm² = 1.90 2.50mm² = 2.04 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | - | - | 0-968035-2 | B | | | CuSn4 | vorverzinnt | | | | |
| - | - | - | - | - | - | >2.5 - 4.0 | 3.4 - 4.5 | - | - | A=4.00 B=5.90 C=7.70 D=1.25 E=20.0 | E =4.60 G =4.80 $D_{Br}$ =2.40 | H =7.80 K =7.80 $D_{150}$ =5.70 | 3.00mm² = 2.13 4.00mm² = 2.35 |
| 1-964334-5 | B | - | - | - | - | | | CuFe2 | 6 | | | | |
| 1-964334-1 | B | - | - | - | - | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | 1-964332-5 | B | >1.0 - 2.5 | 2.2 - 3.7 | CuFe2 | 6 | A=3.50 B=5.90 C=7.70 D=1.25 E=20.0 | E =3.80 G =4.00 $D_{Br}$ =1.70 | H =7.80 K =7.80 $D_{150}$ =5.70 | 12 B10 1.50mm² = 1.76 2.00mm² = 1.90 2.50mm² = 2.04 |
| - | - | - | - | 964332-5 | B | | | CuFe2 | 4 | | | | |
| - | - | - | - | 1-964332-2 | B | | | CuFe2 | sel. Gold 3 | | | | |
| - | - | - | - | 1-964332-1 | B | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | 0.5 - 1.0 | 1.4 - 2.7 | - | - | A=3.00 B=5.40 C=7.20 D=1.25 E=20.0 | E =2.80 G =3.00 $D_{Br}$ =1.10 | H =7.70 K =7.70 $D_{150}$ =5.50 | 12 B10 0.50mm² = 1.43 0.75mm² = 1.52 1.00mm² = 1.61 |
| - | - | - | - | 1-964330-2 | B | | | CuFe2 | sel. Gold 3 | | | | |
| - | - | - | - | 1-964330-1 | B | | | CuFe2 | vorverzinnt | | | | |
| 1-969044-5 | B | - | - | - | - | > 2.5 - 4.0 | 3.4 - 4.5 | CuFe2 | 6 | A=4.00 B=5.90 C=7.70 D=1.45 E=20.0 | E =4.60 G =4.80 $D_{Br}$ =2.40 | H =8.15 K =8.00 $D_{150}$ =6.00 | 12 B10 4.00mm² = 2.35 - - |
| 969044-5 | B | - | - | - | - | | | CuFe2 | 4 | | | | |
| 969044-1 | B | - | - | - | - | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | > 1.0 - 2.5 | 2.2 - 3.7 | - | - | A=3.50 B=5.90 C=7.70 D=1.45 E=20.0 | E =3.80 G =4.00 $D_{Br}$ =1.70 | H =8.15 K =8.00 $D_{150}$ =5.70 | 12 B10 2.50mm² = 2.04 2.00mm² = 1.90 1.50mm² = 1.76 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | - | - | 969042-1 | B | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | 0.5 - 1.0 | 1.4 - 2.7 | - | - | A=3.00 B=5.40 C=7.20 D=1.35 E=20.0 | E =2.80 G =3.00 $D_{Br}$ =1.10 | H =7.85 K =7.70 $D_{150}$ =5.50 | 12 B10 1.00mm² = 1.61 0.75mm² = 1.52 0.50mm² = 1.43 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | - | - | 969040-1 | B | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | > 2.5 - 4.0 | 3.3 - 4.5 | - | - | A=4.00 B=5.20 C=6.80 D=0.60 E=19.50 | E =4.60 G =4.80 $D_{Br}$ =2.40 | H =6.40 K =6.70 $D_{150}$ =4.00 FORM A | 12 B10 3.00mm² = 2.13 3.50mm² = 2.24 4.00mm² = 2.35 |
| 964328-5 | B | - | - | - | - | | | CuFe2 | 4 | | | | |
| 964328-1 | B | - | - | - | - | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | 964326-5 | C | >1.0 - 2.5 | 2.2 - 3.0 | CuFe2 | 4 | A=3.50 B=4.70 C=6.30 D=0.40 E=19.50 | E =3.80 G =4.00 $D_{Br}$ =1.70 | H =4.70 K =4.90 $D_{150}$ =2.60 FORM A | 12 B10 1.50mm² = 1.76 2.00mm² = 1.90 2.50mm² = 2.04 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | - | - | 964326-1 | C | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | 0.5 - 1.0 | 1.4 - 2.1 | - | - | A=3.00 B=4.20 C=5.80 D=0.40 E=19.50 | E =2.80 G =3.00 $D_{Br}$ =1.10 | H =3.80 K =4.10 $D_{150}$ =1.80 FORM A | 12 B10 0.50mm² = 1.43 0.75mm² = 1.52 1.00mm² = 1.61 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | - | - | 964324-1 | B | | | CuFe2 | vorverzinnt | | | | |
| - | - | - | - | - | - | 0.2 - 0.5 | 1.15 - 1.6 | - | - | A=2.50 B=3.80 C=6.60 D=0.30 E=19.50 | E =2.20 G =2.20 $D_{Br}$ =0.80 | H =3.10 K =3.10 $D_{150}$ =1.40 FORM B | 0.20mm² = 1.13 0.25mm² = 1.15 0.35mm² = 1.19 0.50mm² = 1.26 |
| - | - | - | - | - | - | | | - | - | | | | |
| - | - | 964322-1 | B | - | - | | | CuFe2 | vorverzinnt | | | | |

11 ~~1-1670426-6~~ OBSOLETE

SINGLE WIRE SEALING SYSTEM 1 EDS

FLR - CABLE / Leitung

FLR / FLK

968107-1

SEE APPLICATION SPECIFICATION
siehe Verarbeitungsspezifikation
114 - 18037

| TE Connectivity ORDER - NO STRIP FORM Bandware (SERRATION DESIGN - 1) | REV | TE Connectivity ORDER - NO STRIP FORM Bandware (SERRATION DESIGN - 2) | REV | TE Connectivity ORDER - NO STRIP FORM Bandware (SERRATION DESIGN - 3) | REV | WIRE RANGE Drahtgroessen Bereich (mm²) | INSULATION Ø Isolations Ø (mm) | MATERIAL Werkstoff | SURFACE Oberflaeche | LENGTH Laenge | WIRE CRIMP Drahtcrimp | INSULATION CRIMP Isolationscrimp | CRIMP HEIGHT (CH) Crimp - Hoehe | ORDER- NO. Bestell-Nr EXTRACTION TOOL Ausdrueckwerkzeug | CRIMP DATA AND CRIMP TOOL Crimpdaten u. Crimpwerkzeuge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | STRIP FORM / Bandware | | | | |
| | | | | | | | | | | CRIMP DIMENSIONS / Crimpabmessungen (mm) | | | | | |

ONLY FOR PIN : 964330 , 964332 , 964334 , 968035 and 968037
Nur fuer PN:



CARRIERSTRIP
Traegerstreifen



1 ACCORDING INSULATION Ø IS TO CHOOSE THE SINGLE WIRE SEAL
ATTENTION: DIFFERENT HOUSING CAVITY DIAMETER ARE POSSIBLE.
PLEASE NOTICE APPROPRIATE HOUSING PRODUCT SPECIFICATION !
Entsprechend dem isolationsdurchmesser ist die
Einzel- Dichtung auszuwaehlen
Achtung: Verschiedene Gehaeuse- kammer- Durchmesser moeglich.
Bitte entsprechende Gehaeuse- Product- Spezifikation beachtem !

2 ADDITIONAL CUSTOMER-SPECIFIC SEAL EXISTING
Weitere kundenspezifische Einzeldichtung vorhanden

3 BODY ELECTRO TIN PLATED OVER NICKEL 0.2 µm min.
Kontaktkoerper : gal. verzinnt ueber Nickel 0.2 µm min.
CONTACT AREA SELECTIVE GOLD OVER NICKEL 0.8 µm min.
Kontaktzone: selektiv vergoldet ueber Ni 0.8 µm min.

WIRE CRIMP AREA ELECTRO TIN PLATED OVER NICKEL 1.0 µm min.
Draht crimpbereich galv. verzinnt ueber Nickel 1.0 µm min.

4 CONTACT ZONE SELECTIVE PRE SILVER PLATED MIN. 1-1.5 µm
Kontaktzone selektiv vorversilbert min. 1-1.5 µm

5 CONTACT BODY ELECTRO TIN LATED OVER NICKEL 0.2 µm min.
kontaktkoerper : gal. verzinnt ueber Nickel 0.2 µm min.
TOUCHING AREA TO CANTILEVER SPRING
SELECTIVE AU PLATED OVER NICKEL 0.8 µm min.
Anlageflaeche zur Ueberfeder Kontaktzone
selektiv Au ueber Ni beschichtet 0.8 µm min
CANTILEVER SPRING: COMPLETLY AU PLATED 0.6 µm min.
Ueberfeder: komplett Au beschichtet 0.6 µm min.

6 CONTACT ZONE SELECTIVE PRE SILVER PLATED MIN. 3- 4.5 µm
Kontaktzone selektiv vorversilbert min. 3- 4.5 µm

7 1-3 µm Sn28M LAYER FOR HIGHER TEMPERATURE REQUIREMENTS
1-3 µm Sn28M Schicht fuer Hoehere Temperaturanforderungen

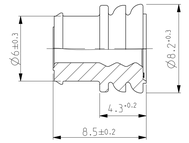
8 TRANSITION ONLY FOR PN 964325 AND 964326
Uebergang nur fuer PN 964325 und 964326

9 DOTTED LINE IS ALTERNATIVE SHAPE
Gestrichelte Linie alternative Form

10 THICKNESS OF MATERIAL 0.4±0.03 mm
Materialstaerke 0.4±0.03 mm

11 OBSOLETE

B10 12 SEE APPLICATION SPEC. FOR PREFERRED STANDARD TO MEET NEW REQUIREMENT @LV214-2 SLOW MOTION BENDING TEST
Siehe Verarbeitungs Spezifikation fuer bevorzugten Standard um den neuen Anforderungen der LV214-2 Slow Motion Pruefung zu genuegen




| SINGLE WIRE SEAL Einzel - Dichtung 1 | | |
|---|---|---|
| 963245-1 | 3.4 - 3.7 | YELLOW gelb |
| 963244-1 | 2.2 - 3.0 | WHITE weiss |
| 963243-1 | 1.2 - 2.1 | BLUE blau |
| 100132-1 | DEAD END PLUG | BLACK schwarz |
| 967011-1 | 3.6 - 4.3 | GREEN gruen |
| 968043-1 | 4.3 - 5.1 | RED rot |
| ORDER-NO. Bestell-Nr | INSULATION Ø Isolations Ø | COLOUR Farbe |

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2mm; 1 PLC ±0.1; 2 PLC ±0.05; 3 PLC ±0.025; 4 PLC ±0.01; 5 PLC ±0.005; ANGLES ±2°
MATERIAL: SEE TABLE - -
FINISH: - -

| | | |
|---|---|---|
| DRN | M.PEILSCHIFTER | 19MAY2000 |
| CHK | V.HUHN | 19MAY2000 |
| APVD | M.BLEICHER | 19MAY2000 |
| PRODUCT SPEC | 108-18025 | |
| APPLICATION SPEC | 114-18037 | |
| WEIGHT | - | |

TE Connectivity

NAME: STANDARD POWER TIMER CONTACT TYP A -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A0 | - | C-1355049 | - |

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV B10