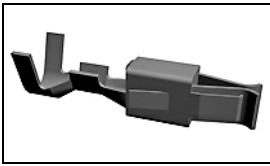


929929-3 Product Details

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929929-3

TE Internal Number: 929929-3
✔ Active

[View 3D PDF](#)

Timer Contacts

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Timer Products Product Line
- Junior-Power-Timer (JPT) Series
- Wire-to-Wire
- Applies To Wire/Cable
- Contact

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

- [PRODUCT GROUP DRAWING FOR: JUNIOR POWER TIMER CONTACT \(TIF, German\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing \(DXF, Version A9\)](#)
- [3D Model \(IGES, Version A9\)](#)
- [3D Model \(STEP, Version A9\)](#)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Line Drawing](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = Timer Products
- Series = Junior-Power-Timer (JPT)
- **Product Type** = Contact
- Cable Type = FLK (Vehicle Cable Plastic), FLR (Thin Walled Cable)
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Insulation Support = With

Electrical Characteristics:

- Contact - Rated Current (A) = 30

Termination Features:

- Wire/Cable Size (AWG) = 13 - 17
- Wire/Cable Size (mm²) = 1 - 2.5

Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 2.79 x 0.79 [1.110 x .031]

Body Features:

- Single Wire Sealing System = Yes

Contact Features:

- Contact Type = Socket
- Contact Design = Flat, Steel Cantilever Spring
- Contact Base Material = CuSn4
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 1 [39.37]

Configuration Features:

- GET 0.64 Connector System = No

Industry Standards:

- **RoHS/ELV Compliance** = RoHS compliant, ELV compliant
- **Lead Free Solder Processes** = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard = DIN ISO 6722 part 1-3 (Old DIN 72551 Part 2), DIN 72 551 Part 5 and 6

Environmental:

- Operating Temperature (°C [°F]) = -40 - +130 [-40 - +266]

Conditions for Usage:

- Applies To = Wire/Cable
- Accepts Wire Insulation Diameter, Range (mm [in]) = 2.20 - 3.00 [0.0866 - 0.118], 2.70 - 3.00 [0.106 - 0.118], 3.40 [0.134]

Operation/Application:

- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Power

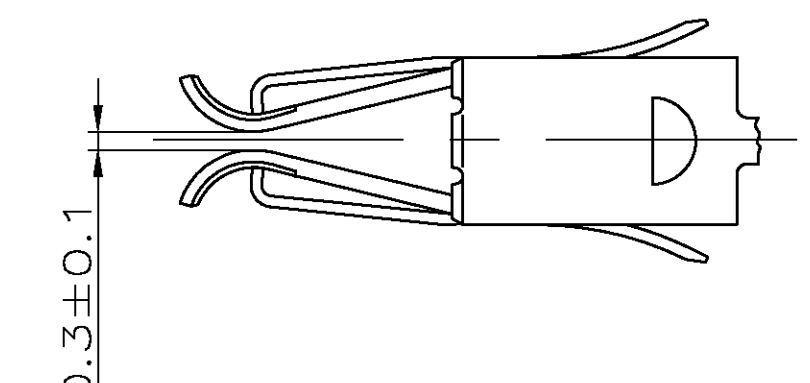
Packaging Features:

- Packaging Method = Loose Piece
- Packaging Quantity = 1,000

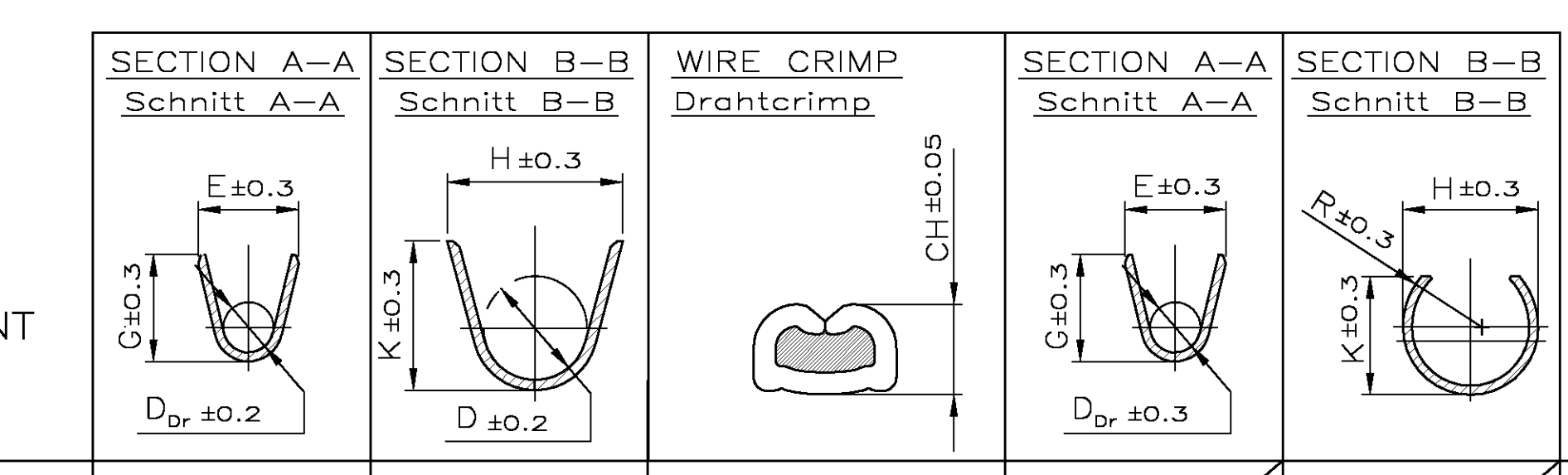
Other:

- Brand = AMP
- Comment = Wire insulation diameter of 3.4 mm maximum would include wire seal.; Insulation barrel pre-crimped.; One wire seal required per contact.; Refer to the application and product specification for additional information.

- 1 CONTACT BODY PRE-SILVER PLATED MIN. 0.8µm CONTACT ZONE SELECTIVE PRE-SILVER PLATED MIN. 3µm
 Kontaktkoerper vorversilbert min. 0,8µm Kontaktzone selektiv vorversilbert min. 3µm
- 2 CONTACT ZONE GOLD PLATED MIN. 0.8µm OVER MIN. 1.3µm Ni-LAYER CRIMP AREA MIN. 1µm TIN PLATED OVER Ni-LAYER
 Kontaktzone vergoldet min. 0,8µm ueber min. 1,3µm Ni-Zwischenschicht Crimpbereich min. 1µm verzinkt ueber Ni-Zwischenschicht
- 3 CANTILEVER SPRING INSIDE AND OUTSIDE 0.4-1.2µm Au
 Ueberfeder innen und aussen 0,4-1,2µm Au
- 4 CONTACT BODY, CONTACT SPRING INSIDE AND CRIMP AREA MIN. 1µm TIN PLATED OVER Ni-LAYER, TOUCHING AREA TO CANTILEVER SPRING AND CONTACT SPRING OUTSIDE SELECTIVE 0.8µm Au OVER MIN. 1.3µm Ni-LAYER
 Kontaktkoerper, Kontaktfeder innen und Crimpbereich min. 1µm verzinkt ueber Ni-Zwischenschicht, Anlageflaeche zur Ueberfeder und Kontaktfeder aussen selektiv 0,8µm vergoldet ueber min. 1µm Ni-Zwischenschicht
- 5 CONTACT ZONE AND TOUCHING AREA TO CANTILEVER SPRING MIN. 0.8µm SELECTIVE Au PLATED OVER 1.3µm Ni PLATED, CRIMP AREA MIN. 1µm TIN PLATED OVER Ni-LAYER
 Kontaktzone und Anlageflaeche zur Ueberfeder min. 0,8µm vergoldet ueber min. 1,3µm Ni-Zwischenschicht Crimpbereich min. 1µm verzinkt ueber Ni-Zwischenschicht
- 6 CONTACT BODY AND CRIMP AREA MIN. 1µm TIN PLATED OVER Ni-LAYER, TOUCHING AREA TO CANTILEVER SPRING SELECTIVE 0.8µm Au OVER MIN. 1.3µm Ni-LAYER
 Kontaktkoerper und Crimpbereich min. 1µm verzinkt ueber Ni-Zwischenschicht Anlageflaeche zur Ueberfeder selektiv 0,8µm vergoldet ueber min. 1,3µm Ni-Zwischenschicht
- 7 CONTACT OFF OPTIONAL
 Abschnitt\Freisschnitt optional
- 8 CONTACT RE-TREATED WITH LUBRICANT BARRIERTA DISPERSION
 Kontakt mit Gleitmittel Barrierta Dispersion behandelt
- 9 VARIANTS WITH GAP-SIZE 0.3±0.1mm
 Varianten mit Gap-Size 0.3±0.1mm

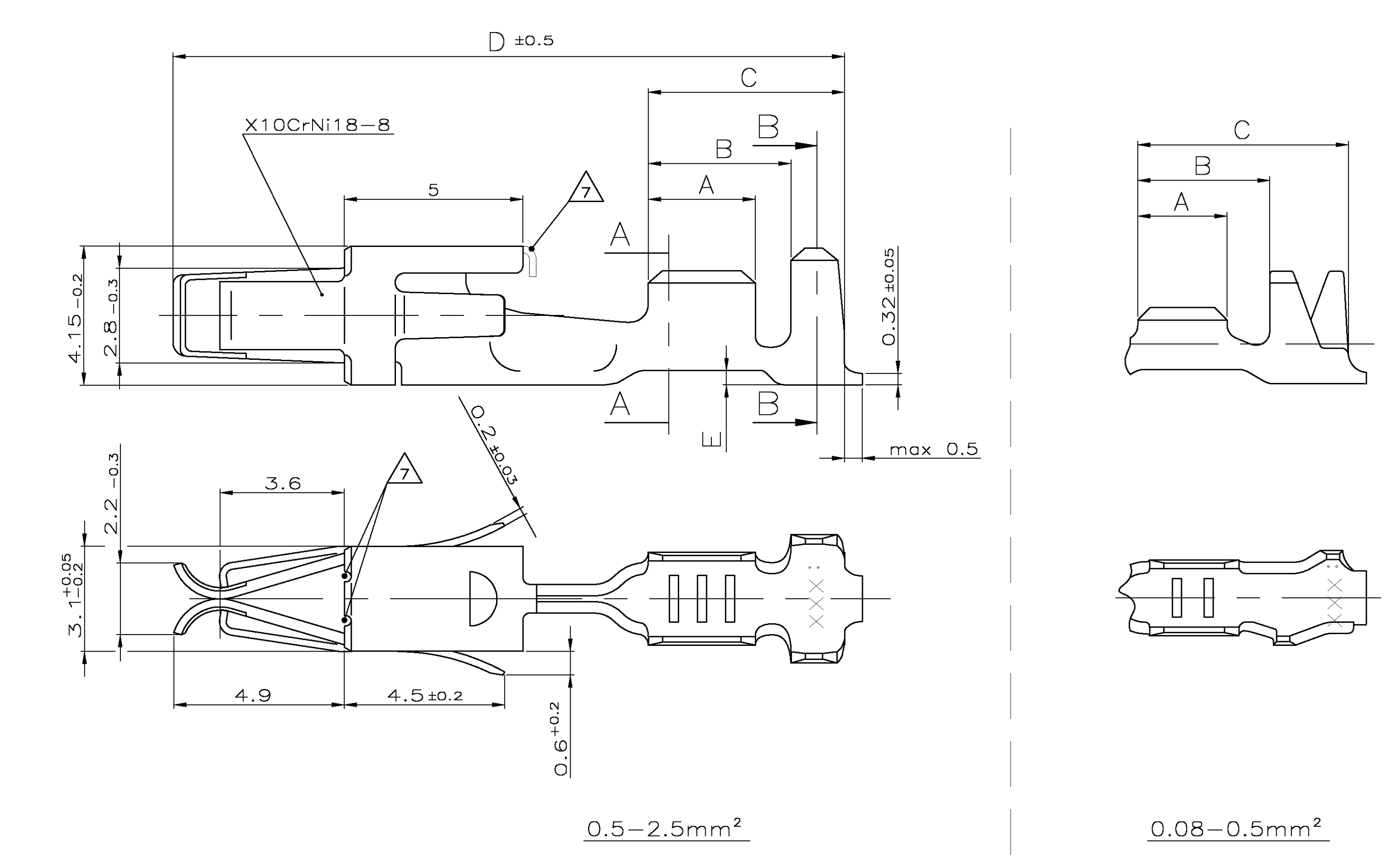


- 10 CONTACTS DIPPED IN OR SPRAYED WITH LUBRICANT
 Kontakte getaucht oder besprueht mit Lubricant



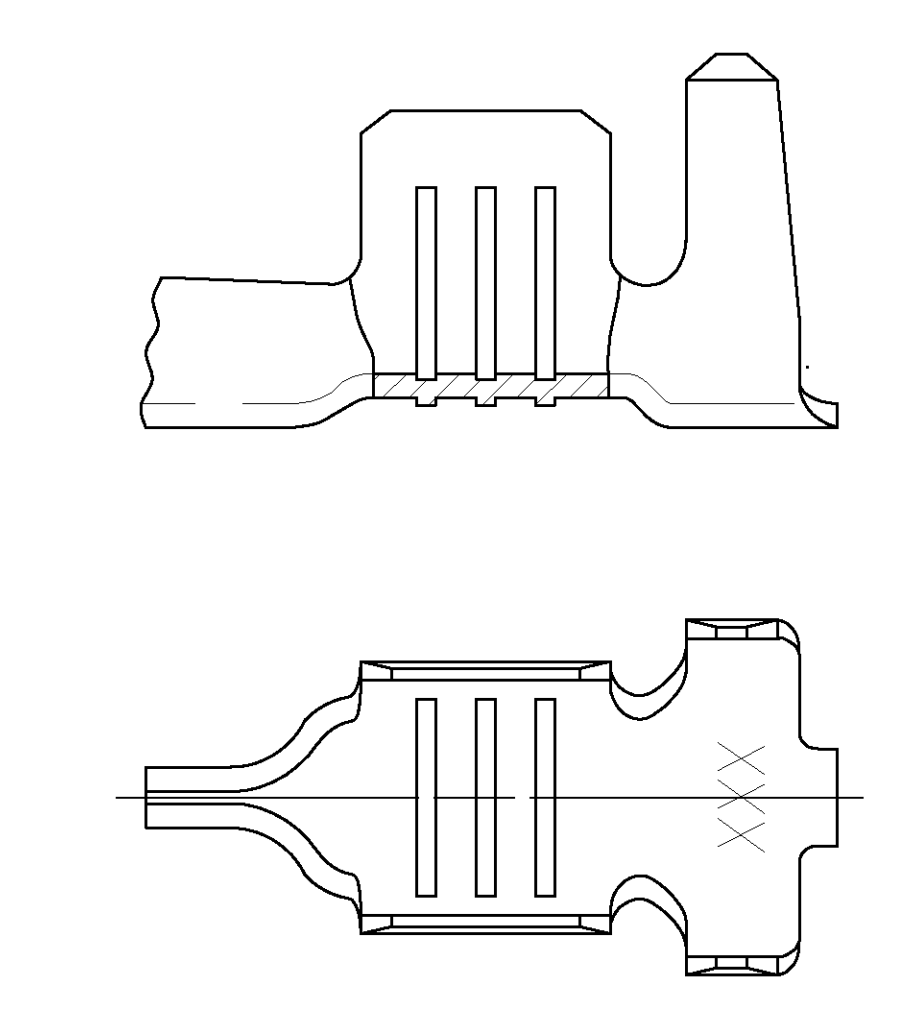
ORDER-NO.	REV	ORDER-NO.	MATERIAL	SURFACE	DGB	WIRE CRIMP	WIRE CRIMP	LOOSE PIECE	APPLICATION TOOL	HAND TOOL	A	B	C	D	E	DESIGN	
STRIP FORM		LOOSE PIECE	Werkstoff	Oberflaeche	[mm ²]	Drahterimp	Drahterimp	Einzelausfuehrung	Anschlag-WKZ	Handzange						Form	
Bandware		Einzelausfuehrung				Bandware	Bandware	Einzelausfuehrung									
928810-6	A	-	CuSn4	1	0.5-1.0	E = 2.6 G = 2.8 D _{cr} = 1.1	H = 3.6 K = 3.9 D = 1.8	0.5mm ² = 1.18 0.75mm ² = 1.27 1.0mm ² = 1.36	MQC-Applicator 878181-2	539635-1 mit Matrize: 539674-2	3.0	4.0	5.5	18.8	0.4	9	2
928810-3	A	928810-4	CuSn4	vorverzinkt min 1µm	FLR												
928810-1	A	928810-2	CuSn4	vorverzinkt min 1µm	FLR												
963884-2	A	963885-2	CuSn4	vorverzinkt min 1µm	>1.0-2.5	E = 3.6 G = 3.8 D _{cr} = 1.8	H = 4.7 K = 4.9 D = 2.6	1.25mm ² = 1.44 1.5mm ² = 1.51 2.0mm ² = 1.64 2.5mm ² = 1.77	MQC-Applicator 878180-2	539635-1 mit Matrize: 539674-2	3.3	4.3	5.8	18.8	0.4	9	2
963884-1	A	963885-1	CuSn4	vorverzinkt min 1µm	FLR												
2-927773-1	P	2-927781-1	CuSn4	2	>1.0-2.5	E = 3.6 G = 3.8 D _{cr} = 1.8	H = 5.5 K = 5.8 D = 3.6	1.25mm ² = 1.44 1.5mm ² = 1.51 2.0mm ² = 1.64 2.5mm ² = 1.77	MQC-Applicator 878190-2	539635-1 mit Matrize: 539674-2	3.3	4.3	5.8	18.8	0.4		2
1-927773-1	P	1-927781-1	CuFe2	1	FLK												
927773-6	N	927781-6	CuSn4	1	FLK												
927773-3	N	927781-3	CuSn4	vorverzinkt min 1µm	FLK												
927773-1	N	927781-1	CuFe2	1	FLK												
2-927768-1	R	2-927777-1	CuSn4	2	>1.0-2.5	E = 3.6 G = 3.8 D _{cr} = 1.8	H = 4.7 K = 4.9 D = 2.6	1.25mm ² = 1.44 1.5mm ² = 1.51 2.0mm ² = 1.64 2.5mm ² = 1.77	MQC-Applicator 878180-2	539635-1 mit Matrize: 539674-2	3.3	4.3	5.8	18.8	0.4		2
1-927768-1	R	1-927777-1	CuFe2	2	FLR												
927768-9	P	927777-9	CuSn4	3, 4	FLR												
927768-6	P	927777-6	CuSn4	1	FLR												
927768-3	P	927777-3	CuSn4	vorverzinkt min 1µm	FLR												
927768-1	P	927777-1	CuFe2	vorverzinkt min 1µm	FLR												
1719810-1	A	1719811-1	CuFe2	10	FLR												
2-927771-2	N	2-927779-2	CuSn4	3, 6	0.5-1.0	E = 2.6 G = 2.8 D _{cr} = 1.1	H = 3.6 K = 3.9 D = 1.8	0.5mm ² = 1.18 0.75mm ² = 1.27 1.0mm ² = 1.36	MQC-Applicator 878181-2	539635-1 mit Matrize: 539674-2	3	4	5.5	18.8	0.4		2
2-927771-1	N	2-927779-1	CuSn4	2	FLR												
1-927771-1	N	1-927779-1	CuFe2	1	FLR												
927771-9	M	927779-9	CuSn4	3, 4	FLR												
927771-8	N	927779-8	CuSn4	3, 5	FLR												
927771-6	M	927779-6	CuSn4	1	FLR												
927771-3	M	927779-3	CuSn4	vorverzinkt min 1µm	FLR												
927771-1	M	927779-1	CuFe2	vorverzinkt min 1µm	FLR												
2-927774-1	C	2-927776-1	CuSn4	2	0.2-0.5	E = 2.1 G = 2.1 D _{cr} = 0.8	H = 2.7 K = 2.8 D = 1.4	0.2mm ² = 0.98 0.25mm ² = 1.00 0.35mm ² = 1.05 0.5mm ² = 1.12	MQC-Applicator 878332-2	539635-1 mit Matrize: 539737-2	2.5	3.5	5.6	18.8	0.4		1
1-927774-1	C	1-927776-1	CuFe2	3, 5	FLR												
927774-8	C	927776-8	CuSn4	1	FLR												
927774-6	B	927776-6	CuSn4	vorverzinkt min 1µm	FLR												
927774-3	B	927776-3	CuSn4	vorverzinkt min 1µm	FLR												
927774-1	B	927776-1	CuFe2	vorverzinkt min 1µm	FLR												
2-963708-1	C	2-963777-1	CuSn4	2	0.08-0.2	E = 1.7 G = 1.7 D _{cr} = 0.6	H = 3.1 K = 3.2 D = 1.6	0.08mm ² = 0.79 0.14mm ² = 0.83 0.22mm ² = 0.87	MQC-Applicator 878599-2	734414-1	2.5	3.7	5.9	18.8	0.4		1
1-963708-1	C	1-963777-1	CuFe2	1	Sonderleitung ISO 1.8-0.3												
963708-6	B	963777-6	CuSn4	1	Sonderleitung ISO 1.8-0.3												
963708-3	B	963777-3	CuSn4	vorverzinkt min 1µm	Sonderleitung ISO 1.8-0.3												
963708-1	B	963777-1	CuFe2	vorverzinkt min 1µm	Sonderleitung ISO 1.8-0.3												

DESIGN 1
Form 1



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DESIGN 2
Form 2



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 J. Hög
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TE Connectivity
 PRODUCT GROUP DRAWING FOR:
 JUNIOR POWER TIMER CONTACT
 Produkt-Gruppen-Zeichnung fuer: JPT Kontakt

SCALE: 10:1
 SHEET: 1 of 2

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