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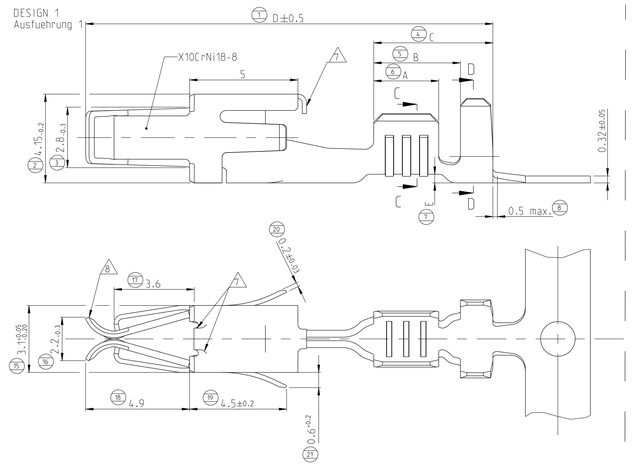
	ORDER NO.	REV.	DESIGN Ausfuehrung	MATERIAL Werkstoff	SURFACE Oberflaeche	WIRE RANGE Drahtgroessen Bereich [mm²]	INSULATION Isolations Ø [mm]	STRIP FORM WIRE CRIMP Drahtcrimp	STRIP FORM INSUL.-CRIMP Isol.-Crimp Bandware	A	B	C	D	E	CRIMP DATA AND CRIMP TOOL Crimpdaten u. Crimpwerkzeuge
								CRIMP DIMENSION (mm) Crimpabmessungen (mm)							
	2386386-9	A	4	CuSn4	3 4	1.5-2.5 FLR	2.1-3.1 FLR	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8	0.4	
	2386386-6	A	4	CuSn4	1										
	2386386-3	A	4	CuSn4	PRETINNED vorverzinnt min. 1µm										
	2386386-1	A	4	CuFe2											
	2367105-6	A	5	CuSn4	1	0.35-0.5 FLR/FLU	1.2-1.4	E = 2.4 G = 2.3 D_{Dr} = 1.0	H = 2.9 K = 2.9 D = 1.4	2.5	3.8	5.7	18.8	0.2	
	2367105-3	A	5		PRETINNED vorverzinnt min. 1µm										
	2367105-1	A	5	CuFe2											
	965901-1 12	A	1	CuSn4	PRETINNED vorverzinnt min.0.8µm	0.5-1.0 FLR	1.4-2.3	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.6 K = 3.9 D = 1.8	3	4	5.5	18.8	0.4	
	965899-1 13 12	A	1	CuSn4	PRETINNED vorverzinnt min.0.8µm	1.5-2.5 FLR	2.1-3.1 FLR	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8	0.4	
	928876-1	A	1	CuSn4	PLAIN BLANK	0.5-1.0 FLK	2.0-2.7	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.9 K = 4.1 D = 2.4	3	4	5.5	18.8	0.4	
	927775-7	M	1	CuNi12ZN24	PRETINNED vorverzinnt min.0.8µm	0.5-1.0 FLK	2.0-2.7	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.9 K = 4.1 D = 2.4	3	4	5.5	18.8	0.4	
	927775-6	M		CuSn4	1										
	927775-3	M		CuSn4	PRETINNED vorverzinnt min. 0.8µm										
	927775-1	M		CuFe2	PRETINNED vorverzinnt min. 0.8µm										
	928810-1 9	A	1	CuFe2	PRETINNED vorverzinnt min. 1µm	0.5-1.0 FLR	1.4-2.3	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.6 K = 3.9 D = 1.8	3.0	4.0	5.5	18.8	0.4	
	963884-1 9	A	1	CuSn4	PRETINNED vorverzinnt min. 1µm	1.0-2.5 FLR	2.1-3.1	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8	0.4	
	927773-3	N	1	CuSn4	PRETINNED vorverzinnt min. 1µm	1.5-2.5 FLK	2.7-4.1	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 5.5 K = 5.8 D = 3.6	3.3	4.3	5.8	18.8	0.4	
	927773-1	N		CuFe2											
	2-927768-1	R	1	CuSn4	2	1.5-2.5 FLR	2.1-3.1 FLR	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8	0.4	
	1-927768-1	R		CuFe2											
A19	927768-9	P		CuSn4	3 4										
	927768-8	P		CuFe2	PRETINNED vorverzinnt min. 1µm Spring selective Au Plated										
	927768-6	P		CuSn4	1										
	927768-3	P			PRETINNED vorverzinnt min. 1µm										
	927768-1	P		CuFe2											
	1719810-1 20	A	1												
	2-927771-2	N	1	CuSn4	3 6	0.5-1.0 FLR FLU	1.4-2.3 FLR FLU 1.3-1.8	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.6 K = 3.9 D = 1.8	3	4	5.5	18.8	0.4	
	2-927771-1	N			2										
	1-927771-1	N		CuFe2											
	927771-9	M		CuSn4	3 4										
	927771-8	N			5										
	927771-6	M			1										
	927771-3	M			PRETINNED vorverzinnt min. 1µm										
	927771-1	M		CuFe2											
	2-927774-1	C	2	CuSn4	2	0.2-0.5 FLR	1.0-1.6	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 2.7 K = 2.8 D = 1.4	2.5	3.5	5.6	18.8	0.4	
	1-927774-1	C		CuFe2											
	927774-6	B		CuSn4	1										
	927774-3	B			PRETINNED vorverzinnt min. 1µm										
	927774-1	B		CuFe2											
	963708-1	B	2	CuFe2	PRETINNED vorverzinnt min. 1µm	0.08-0.2 AWG/Special	1.5-1.8	E = 1.7 G = 1.7 D_{Dr} = 0.6	H = 3.1 K = 3.2 D = 1.6	2.5	3.7	5.9	18.8	0.4	
	969137-1 12	A	3	CuSn4	PRETINNED vorverzinnt min.0.8µm	0.2-0.5 FLK	1.15-2.3	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 3.5 K = 3.6 D = 2	2.5	3.5	5	18.8	0.4	
	1-927778-1	D	3	CuFe2	2	0.2-0.5 FLK	1.15-2.3	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 3.5 K = 3.6 D = 2.0	2.5	3.5	5	18.8	0.4	
	927778-3	C		CuSn4	PRETINNED vorverzinnt min.0.8µm										
	927778-1	C		CuFe2											
	2112132-1 13	A	4	CuSn4	PLAIN BLANK	0.2-0.5 FLR	1.15-1.6	E = 2.4 G = 2.3 D_{Dr} = 1	H = 2.9 K = 2.9 D = 1.4	2.5	3.5	5.6	18.8	0.2	
11	2-927766-1	E	5	CuSn4	2	1.5-2.5 FLU FLR FLK	2.7-3.0 FLR 2.2-3.0 FLU 1.9-2.7	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 5.4 K = 4.6 D = 3.2	3.5	5.9	7.5	18.8	0.4	
	1-927766-1	E		CuFe2											
	927766-3	D		CuSn4	PRETINNED vorverzinnt min. 1µm										
	927766-1	D		CuFe2											
	2-929937-1	E	5	CuSn4	2	1.5-2.5 FLU FLK FLR 1.5	2.7-3.0 FLK FLR 2.2-3.0 FLU 1.9-2.7	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 5.4 K = 4.6 D = 3.2	3.5	5.9	7.5	21	0.4	
	1-929937-1	E		CuFe2											
	929937-6	E		CuSn4	1										
	929937-3	E			PRETINNED vorverzinnt min. 1µm										
	929937-1	E		CuFe2											
	2-929939-1	E	5	CuSn4	2	0.5-1.0 FLR FLK	1.4-2.1 FLR FLK 2.0-2.7	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 5.4 K = 4.6 D = 3.2	3	5.4	7	21	0.6	
	1-929939-1	E		CuFe2											
	929939-6	E		CuSn4	1										
	929939-3	E			PRETINNED vorverzinnt min. 1µm										
	929939-1	E		CuFe2											
	2-927770-1	G	5	CuSn4	2	0.5-1.0 FLR FLK	1.4-2.1 FLR FLK 2.0-2.7	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 5.4 K = 4.6 D = 3.2	3	5.4	7	18.8	0.6	
	1-927770-1	G		CuFe2											
	927770-6	F		CuSn4	1										
	927770-3	F			PRETINNED vorverzinnt min. 1µm										
	927770-1	F		CuFe2											
	2-929941-1	E	6	CuSn4	2	0.22-0.38 FLK 0.35-0.5 FLR 0.5 FLU	FLK 1.16-1.6 FLR 1.15-1.6 FLU 1.3-1.4	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 5.4 K = 4.6 D = 3.2	2.5	4.9	6.5	21	0.9	
	1-929941-1	E		CuFe2											
	929941-6	D		CuSn4	1										
	929941-3	D			PRETINNED vorverzinnt min. 1µm										
	929941-1	D		CuFe2											
	1-927772-1	D	6	CuFe2	2	0.22-0.38 FLK 0.35-0.5 FLR 0.5 FLU	FLK 1.15-1.6 FLR 1.15-1.6 FLU 1.3-1.4	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 5.4 K = 4.6 D = 3.2	2.5	4.9	6.5	18.8	0.9	
	927772-3	C		CuSn4	PRETINNED vorverzinnt min. 1µm										
	927772-1	C		CuFe2											

SINGLE WIRE SEAL / Einzeldichtungssystem

(UNSEALED / ungedichtet)

SEE APPLICATION SPECIFICATION
siehe Verarbeitungsspezifikation
114-18050

DESIGN 1
Ausfuehrung 1



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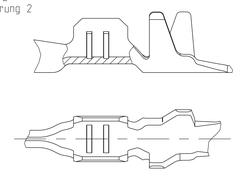
Ausfuehrung 2



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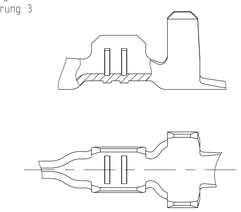

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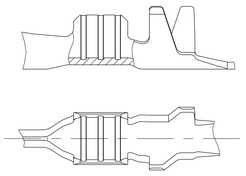
Ausfuehrung 4



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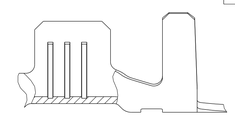

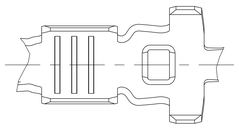

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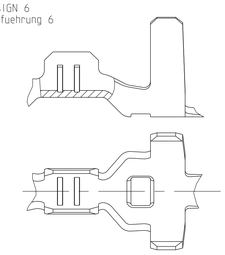
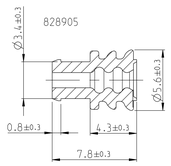
Ausfuehrung 6



SINGLE WIRE SEAL Einzel-Dichtung 11		
828904-1	1.2-2.1	blue blau
828905-1	2.2-3.0	white weiss
ORDER No. Bestell-Nr.	INSULATION Ø Isolations Ø	COLOUR Farbe

828905



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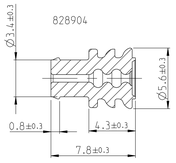
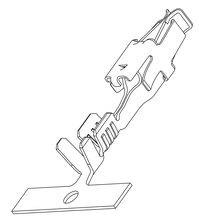


5:1



NOTES
Bemerkungen

1 CONTACT BODY PRE-SILVER PLATED MIN. 0.8µm
Kontaktkoerper vorversilbert min. 0.8µm
CONTACT ZONE SELECTIVE PRE-SILVER PLATED MIN. 3µm
Kontaktzone selektiv vorversilbert min. 3µm

2 CONTACT ZONE GOLD PLATED MIN. 0.8µm OVER MIN. 1.3µm NICKEL-LAYER
Kontaktzone vergoldet min. 0.8µm ueber min. 1.3µm Nickel-Zwischenschicht
CRIMP AREA MIN.1µm TIN PLATED OVER NICKEL-LAYER
Crimpbereich min. 1µm verzinnt ueber Nickel-Zwischenschicht

3 CANTILEVER SPRING INSIDE AND OUTSIDE 0.4-1.2µm GOLD PLATED
Ueberfeder innen und aussen 0.4-1.2µm vergoldet

4 CONTACT BODY, CONTACT SPRING INSIDE AND CRIMP AREA MIN. 1µm TIN PLATED OVER NICKEL-LAYER.
TOUCHING AREA TO CANTILEVER SPRING AND CONTACT SPRING OUTSIDE
SELECTIVE 0.8µm GOLD OVER MIN. 1.3µm NICKEL-LAYER
Kontaktkoerper, Kontaktfeder innen und Crimpbereich min. 1.3µm verzinnt
ueber Nickel-Zwischenschicht, Anlageflaeche zur Ueberfeder und Kontaktfeder aussen
selektiv 0.8µm vergoldet ueber min. 1µm Nickel-Zwischenschicht

5 CONTACT ZONE AND TOUCHING AREA TO CANTILEVER SPRING MIN. 0.8µm
SELECTIVE GOLD PLATED OVER
1.3µm NICKEL PLATED, CRIMP AREA MIN. 1µm TIN PLATED OVER NICKEL-LAYER
Kontaktzone und Anlageflaeche zur Ueberfeder min. 0.8µm vergoldet ueber
min. 1.3µm Nickel-Zwischenschicht Crimpbereich min. 1µm verzinnt ueber Nickel-Zwischenschicht

6 CONTACT BODY AND CRIMP AREA MIN. 1µm TIN PLATED OVER NICKEL-LAYER.
TOUCHING AREA TO CANTILEVER SPRING SELECTIVE 0.8µm GOLD OVER MIN. 1.3µm NICKEL-LAYER
Kontaktkoerper und Crimpbereich min. 1µm verzinnt ueber Nickel-Zwischenschicht
Anlageflaeche zur Ueberfeder selektiv 0.8µm vergoldet ueber min. 1.3µm Nickel-Zwischenschicht

7 CONTACT OFF OPTIONAL
Abschnitt\Freischnitt optional

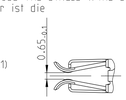
8 SAWAG ONLY FOR PN 929937.929939. 929941
Swage nur fuer PN 929937. 929939. 929941

9 VARIANTS WITH GAP-SIZE 0.3mm (±0.1)
Varianten mit Gap-Size 0.3mm (±0.1)

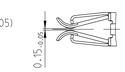
10 CONTACTS DIPPED IN OR SPRAYED WITH LUBRICANT BARRIERTA
Kontakte getaucht oder besprueht mit Lubricant Barrierta

11 ACCORDING INSULATION DIA IS TO CHOOSE THE SINGLE WIRE SEAL
Entsprechend dem Isolationsdurchmesser ist die
Einzel-Dichtung auszuwaehlen

12 VARIANTS WITH GAP-SIZE 0.65mm (-0.1)
Varianten mit Gap-Size 0.65mm (-0.1)



13 VARIANTS WITH GAP-SIZE 0.15mm (-0.05)
Varianten mit Gap-Size 0.15mm (-0.05)



A19 14 FOR EVALUATION OF THE GAP SIZE, THE MATING-FORCE ACCORDING TO PRODUCT SPEC. 108-18013 HAS PRIORITY
Zur Beurteilung des Oeffnungsmasses ist die Steckkraft ausschlaggebend

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A16	Add PN´s in the Table	25NOV2014	Ho.	Eder
	A17	PNs ADDED IN THE TABLE	23SEP2020	JPN	PM
	A18	SEE PCN-23-189692	13OCT2023	KMD	PM
	A19	SEE PCN-23-193765	29NOV2023	KMD	PM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN K. Gerlach 09JUN99
CHK J. Has 09JUN99
APVD -

TE Connectivity

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1 PLC ±0.4
2 PLC ±0.2
3 PLC ±0.1
ANGLES ±1°

NAME
PRODUCT GROUP DRAWING FOR JUNIOR POWER TIMER CONTACT
Produkt-Gruppen-Zeichnung fuer JPT

PRODUCT SPEC 108-18013
APPLICATION SPEC 114-18050
WEIGHT

SIZE A0 CAGE CODE 00779 DRAWING NO C-1355046 RESTRICTED TO -

MATERIAL SEE TABLE -
FINISH SEE TABLE -

Customer Drawing SCALE 5:1 SHEET 1 OF 1 REV A19

4806 (3/13)