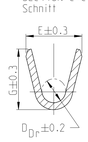
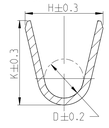
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2014
© COPYRIGHT 2014 Tyco Electronics AMP GmbH ALL RIGHTS RESERVED.

REVISIONS					
F	LTR	DESCRIPTION	DATE	DWN	APVD
	A13	Part status changed	19NOV13	Ho.	Eder
	A14	New Creo drawing created	25APR2014	Ho.	Eder
	A15	Material of PN 928810-1 corrected	26MAY2014	Gitch	Eder
	A16	Add PN´s in the Table	25NOV2014	Ho.	Eder

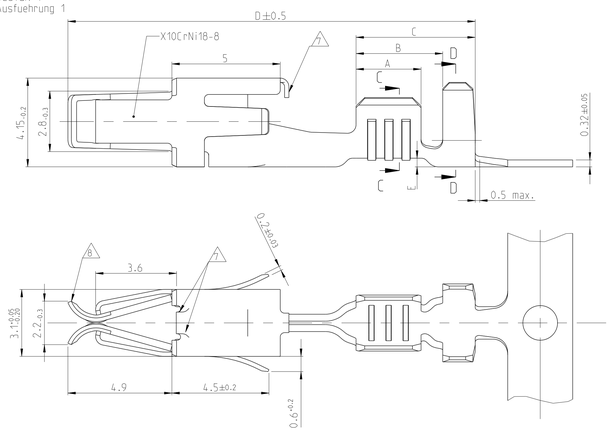
SECTION C-C
Schnitt



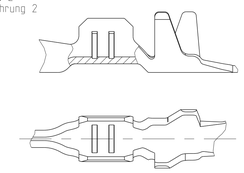
SECTION D-D
Schnitt



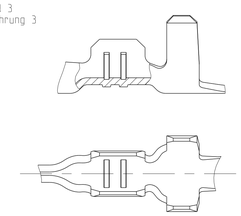
DESIGN 1
Ausfuehrung 1



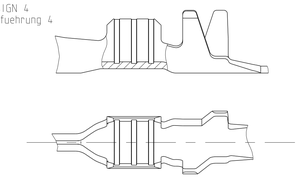
DESIGN 2
Ausfuehrung 2



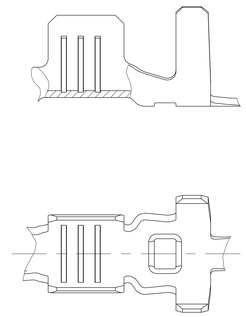
DESIGN 3
Ausfuehrung 3



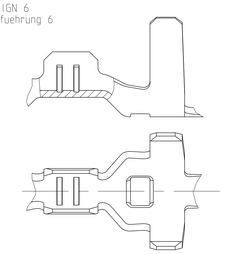
DESIGN 4
Ausfuehrung 4



DESIGN 5
Ausfuehrung 5



DESIGN 6
Ausfuehrung 6

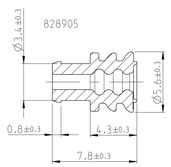


A15	965901-1 (12)	A	1	CuSn4	PRETINNED vorverzinnt min.0.8µm	0.5-1.0 FLR	1.4-2.3	E = 2.6 G = 2.8 D_{Dr} = 1.1	H = 3.6 K = 3.9 D = 1.8	3	4	5.5	18.8	0.4
	965899-1 (12)	A	1	CuSn4	PRETINNED vorverzinnt min.0.8µm	>1.0-2.5 FLR	2.1-3.1	E = 3.6 G = 3.8 D_{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8	0.4
	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	>1.0-2.5 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										
UNSEALED / ungedichtet	2-927768-1	R	1	CuSn4	(2)	>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
	1-927768-1	R		CuFe2										
	927768-9	P		CuSn4	(3) (4)									
	927768-6	P			(1)									
	927768-3	P			PRETINNED vorverzinnt min. 1µm									
	927768-1	P		CuFe2										
	1719810-1 (10)	A	1											
	2-927771-2	N	1	CuSn4	(3) (6)	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
	2-927771-1	N			(2)									
	1-927771-1	N		CuFe2										
	927771-9	M		CuSn4	(3) (4)									
	927771-8	N			(3) (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 Sonderleitung	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 FLR	1.2-2.3	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	1.2-2.3	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
SINGLE WIRE SEAL / Einzeldichtungssystem (11)	2-927766-1	E	5	CuSn4	(2)	>1.0-2.5 FLK	2.7-3.0	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)	>1.0-2.5 FLR	2.7-3.0	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	1.4-2.1	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	1.4-2.1	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)	0.2-0.5 FLR	1.15-1.6	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)	0.2-0.5 FLR	1.15-1.6	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										

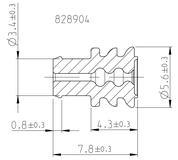
TE ORDER NO. / STRIP FORM Bandware	REV.	DESIGN Ausfuehrung	MATERIAL Werkstoff	SURFACE Oberflaeche	WIRE RANGE Drahtgroessen Bereich [mm²]	INSULATION Isolations Ø [mm]	STRIP FORM WIRE CRIMP Drahtcrimp / INSUL.-CRIMP Iso.-Crimp Bandware — CRIMP DIMENSION (mm) Crimpabmessungen (mm)	A	B	C	D	E	CRIMP DATA AND CRIMP TOOL Crimpdaten u. Crimpwerkzeuge
SEE APPLICATION - SPECIFICATION siehe Verarbeitungsspezifikation 114-18050													

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

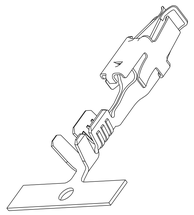
828905



828904



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

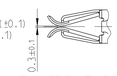
(5) CONTACT ZONE AND TOUCHING AREA TO CANTILEVER SPRING MIN. 0.8µm
SELECTIVE GOLD PLATED OVER
1.3µm NICKEL PLATED. CRIMP AREA MIN. 1µm TIN PLATED OVER NICKEL-LAYER
Kontaktzone und Anlageflaeche zur Ueberfeder min. 0.8µm vergoldet ueber
min. 1.3µm Nickel-Zwischenschicht Crimpbereich min. 1µm verzinnt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

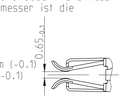
(9) VARIANTS WITH GAP-SIZE 0.3mm (±0.1)
Varianten mit Gap-Size 0.3mm (±0.1)



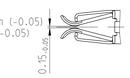
(10) CONTACTS DIPPED IN OR SPRAYED WITH LUBRICANT BARRIERTA
Kontakte getaucht oder besprueht mit Lubricant Barrierta

(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)



THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN K. Gerlach 09JUN99 CHK J. Has 09JUN99	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ±; 2 PLC ±; 3 PLC ±; ANGLES ±0.2 ±4°	APVD -	NAME PRODUCT GROUP DRAWING FOR JUNIOR POWER TIMER CONTACT Produkt-Gruppen-Zeichnung fuer JPT
MATERIAL SEE TABLE -	FINISH SEE TABLE -	PRODUCT SPEC 108-18013 APPLICATION SPEC 114-18050 WEIGHT -	SIZE A0 CAGE CODE 00779 DRAWING NO C-1355046 RESTRICTED TO -
		Customer Drawing	SCALE 5:1 SHEET 1 OF 1 REV A16

4806 (3/13)

Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.