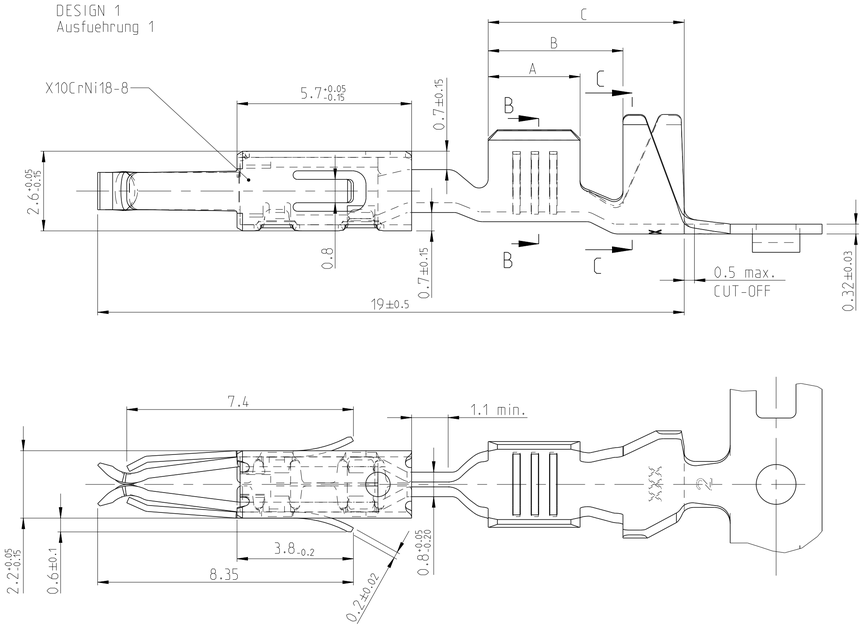
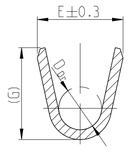
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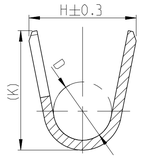
DESIGN 1
Ausfuehrung 1



SECTION
Schnitt
B-B



SECTION
Schnitt
C-C



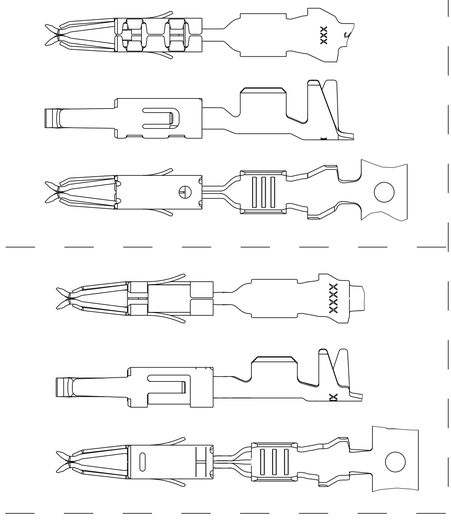
	TE ORDER NO. / STRIP FORM Bandware	REV.	DESIGN Ausfuehrung	MATERIAL Oberflaeche	SURFACE Oberflaeche	WIRE RANGE Drahtgroessen Bereich [mm²]	INSULATION Isolations Ø [mm]	STRIP FORM WIRE CRIMP / Drahtcrimp / INSUL.-CRIMP / Isol.-Crimp Bandware — CRIMP DIMENSION mm Crimpabmessungen mm	A	B	C	CRIMP DATA AND CRIMP TOOL Crimpdaten u. Crimpwerkzeuge
SINGLE WIRE SEAL/ Einzeldichtungssystem △3	4-964274-1	E	5	CuNiSi	△4 SILVER PLATED versilbert	0.5-1.0	1.4-2.1	E = 2.5 G = 2.7 D_{Dr} = 1.2	H = 4.3 K = 4.8 D = 2.7	3.0	4.4	6.4
	964274-8	A		CuFe 2								
	964274-3	E		CuSn 4	△1 PRETINNED vorverzinnt							
	964274-2	E		CuFe 2								
	2141902-8	A	6	CuFe 2	SILVER PLATED versilbert	0.35	1.2-1.3	E = 2.4 G = 2.3 D_{Dr} = 1.0	H = 4.3 K = 4.8 D = 2.6	2.5	4.4	6.4
	2141902-3	A		CuSn 4	△1 PRETINNED vorverzinnt							
	2141902-2	A		CuFe 2								
	4-969005-1	F	7	CuNiSi	△4	0.2-0.5	1.15-1.6	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 4.3 K = 4.8 D = 2.6	2.5	4.4	6.4
	969005-3	F		CuSn 4	△1 PRETINNED vorverzinnt							
	969005-2	F		CuFe 2								
UNSEALED/ ungedichtet	1241844-2	A	1	CuFe 2	PRETINNED vorverzinnt	1.5	2.2-2.4	E = 2.8 G = 3.0 D_{Dr} = 1.4	H = 3.5 K = 3.9 D = 1.9	3.0	4.4	6.4
	964348-2 △2	C	4	CuFe 2	PRETINNED vorverzinnt	0.5-1.0	1.4-2.1	E = 2.5 G = 2.7 D_{Dr} = 1.2	H = 3.7 K = 3.9 D = 1.8	3.0	4.6	6.2
	964263-3	D	1	CuSn 4	△1 PRETINNED vorverzinnt	0.5-1.0	1.4-2.1	E = 2.5 G = 2.7 D_{Dr} = 1.2	H = 3.2 K = 3.4 D = 1.8	3.0	4.4	6.4
	964263-2	D		CuFe 2								
	2141900-3	A	2	CuSn 4	△1 PRETINNED vorverzinnt	0.35	1.2-1.3	E = 2.4 G = 2.3 D_{Dr} = 1.0	H = 2.9 K = 2.9 D = 1.4	2.5	4.4	6.4
	2141900-2	A		CuFe 2								
	4-964261-1	D	3	CuNiSi	△4	0.2-0.5	1.15-1.6	E = 2.1 G = 2.1 D_{Dr} = 0.8	H = 2.9 K = 2.9 D = 1.4	2.5	4.4	6.4
	964261-3	D		CuSn 4	△1 PRETINNED vorverzinnt							
	964261-2	D		CuFe 2								

SEE APPLICATION - SPECIFICATION
Siehe Verarbeitungsspezifikation
114-18081

SPRING / Ueberfeder

DIFFERENT TOOL DETAILS
Verschiedene Werkzeugausfuehrungen
FUNCTION AND HANDLING WITH
ALL DETAILS CONTINUOUSLY
Funktion und Handhabung
bei allen Ausfuehrungen gleich
SUPPLY BASED ON AVAILABILITY
Lieferung nach Verfuegbarkeit

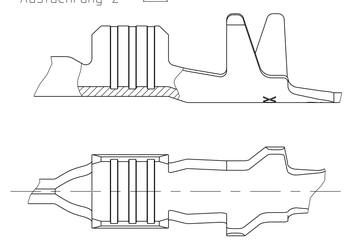
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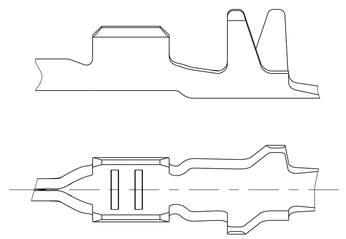
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

FLR-WIRE
FLR-Leitung

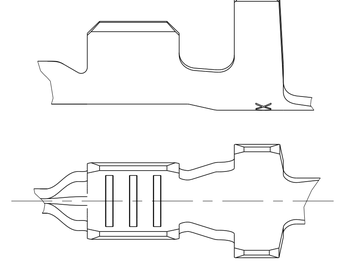
DESIGN 2
Ausfuehrung 2 △5



DESIGN 3
Ausfuehrung 3

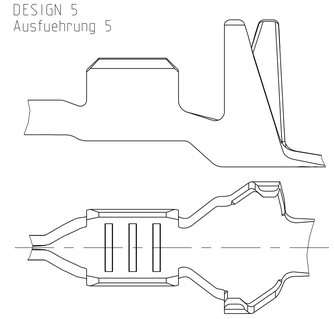


DESIGN 4
Ausfuehrung 4

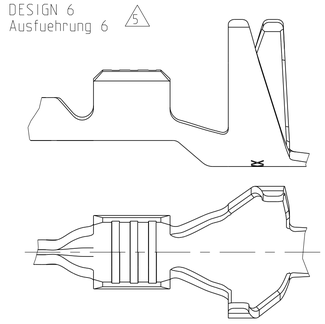


FLR- AND FLK-CABLE
FLR- und FLK- Leitung

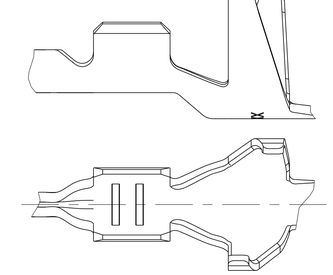
DESIGN 5
Ausfuehrung 5



DESIGN 6
Ausfuehrung 6 △5



DESIGN 7
Ausfuehrung 7



NOTES
Bemerkungen

△1 BODY ELECTRO TIN PLATED OVER NICKEL 0.2 µm min.
Kontaktkoerper gal. verzinnt ueber Nickel 0.2 µm min.
CONTACT AREA SELECTIV GOLD OVER NICKEL 0.8 µm min.
Kontaktzone selectiv vergoldet ueber Nickel 0.8 µm min.
WIRE CRIMP AREA ELECTRO TIN PLATED OVER NICKEL 1 µm min.
Drahtcrimpbereich gal. verzinnt ueber Nickel 1 µm min.

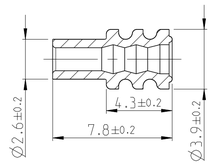
△2 FOR DOUBLE- AND SINGLE TERMINATION
Fuer Doppel- und Einzelanschlaege

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

△4 BODY ELECTRO TIN PLATED OVER NICKEL 0.2µm min.
Kontaktkoerper gal. verzinnt ueber Nickel 0.2µm min.
CONTACT AREA SELECTIV GOLD OVER NICKEL 0.8 µm min.
Kontaktzone selectiv vergoldet ueber Nickel 0.8µm min.
WIRE CRIMP AREA ELECTRO TIN PLATED 1µm min.
Drahtcrimpbereich gal. verzinnt

△5 SERRATIONS OVER THE WHOLE WIDTH OF THE WIRE CRIMP AREA
Rillen ueber die ganze Breite des Drahtcrimpbereiches

SINGLE WIRE SEAL Einzel-Dichtung △3		
964972-1	1.9-2.1	YELLOW gelb
963530-1	1.4-1.9	GREY grau
964971-1	1.2-1.6	RED rot
ORDER No. Bestell-Nr.	INSULATION Ø Isolations Ø	COLOUR Farbe



2:1



REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B9	New Creo drawing created and PN´s obsoleted	16APR2014	Homolka	M. Eder
	B10	964274-8 and 2141902-8 added	12FEB2015	Mahnke	Schimm.
	B11	ADD PRODUCT WEIGHT	10JUN2016	Homol(ka	Schimm.
	B12	DRAWING VIEW CORRECTED	17JUN2016	HO.	SCHI

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2, 1 PLC ±0.1, 2 PLC ±0.05, 3 PLC ±0.025, ANGLES ±2°
MATERIAL -
FINISH -

DWN M. Pfeilschifter 18SUG2000
CHK V. Huhn 18AUG2000
APVD M. Bleicher 16NOV2001
PRODUCT SPEC 108-18055
APPLICATION SPEC 114-18081
WEIGHT 0.3g

TE Connectivity

NAME
PRODUCT GROUP DRAWING FOR
MICRO TIMER 2 CONTACT TYPE A
Produkt-Gruppen-Zeichnung fuer Micro Timer II

SIZE A1 | CAGE CODE - | DRAWING NO C-1355045 | RESTRICTED TO -

Customer Drawing | SCALE 5:1 | SHEET 1 OF 1 | REV B12

964274-3 ✔ ACTIVE

AMP | Micro Timer II

TE Internal #: 964274-3

Automotive Terminals, Receptacle, Mating Tab Width 1.6 mm [.063 in], Tab Thickness .6 mm [.024 in], 20 – 17 AWG Wire Size, Micro Timer II

View on TE.com >

Terminals & Splices > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **1.6 mm [.063 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 17 AWG**

All TIMER, RECEPTACLE AND TAB (330)

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Contact Size	1.6mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp

Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.1 mm[.055 – .083 in]
Wire Size	.5 – 1 mm^2
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Tab Length	19.15 mm[.753 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	IEC 664/664A (DIN VDE 0110)

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

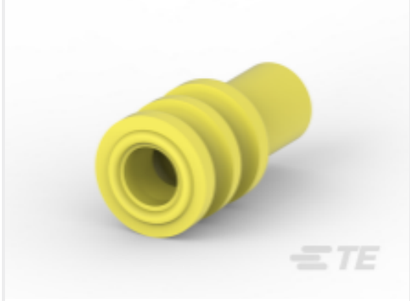
Compatible Parts



TE Part # CAT-T4827-CH8172
Timer Connector Housing



TE Part # 539960-1
AUSZ-WKZ,MICRO TIM.



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 963530-1
EINZELLEITERDICHTNG



TE Part # 5-1579018-6
INSERTION TOOL



TE Part # 2151057-1
OCEAN_2.0_APPLICATOR-S-080F130O-RSM



TE Part # 2151057-2
OCEAN_2.0_APPLICATOR-S-080F130O-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



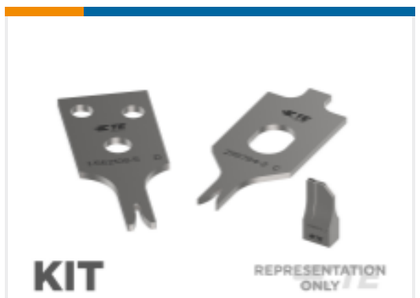
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OCEAN_2.0_APPLICATOR-S-080F130O-RSM



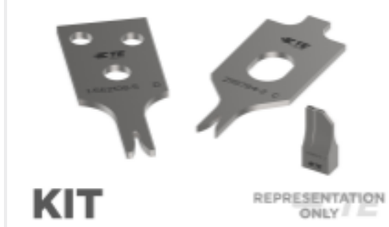
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OCEAN_2.0_APPLICATOR-S-080F130O-RSA



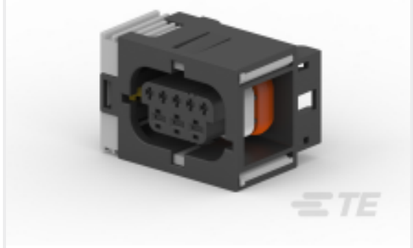
TE Part # 7-2151057-1
OCEAN_2.0_APPLICATOR-S-080F130O



TE Part # 7-2151057-7
OCEAN_2.0_SPARE_PART_KIT-080F130O



TE Part # 7-2151935-7
OC-080F130O-752_CRIMPTOOLINGKIT

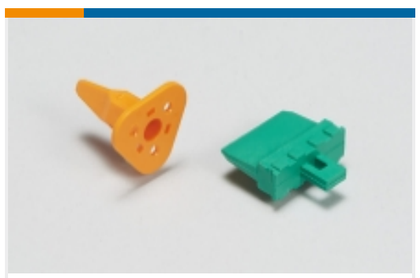


TE Part # 3-2109313-2
060/110 HYB 8P SLD PLUG ASSY D

Also in the Series | Micro Timer II



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(37)



Automotive Terminals(35)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #3-1823467-8
6POS,AMP MCP1.5K,REC HSG,CODH



TE Part #1-936321-2
MULTILOCK, CONNECTOR HOUSING



TE Part #1897013-2
MT-2/JPT SLD 26P CAP HSG



TE Part #1897421-2
SEALING PLUG CONTACT DUMMY (MQS)

TE Part #1-936686-1
UNDER COVER FOR BLM

TE Part #5-1897638-5
C.E BOX ASSY-BLM F/L-1FAN,4PW, STD

Documents

Product Drawings

MT2 A REC 1.6 Contact SWS Au

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_964274-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_964274-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_964274-3_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Timer Interconnection System

English

Product Specifications

Application Specification

English

Application Specification

English

APPLICATION SPECIFICATION FOR: (Specifica di applicazione per:) MICRO-TIMER 2 CONTACT WITH RUBBER SEAL

English

Application Specification

English

Application Specification

German