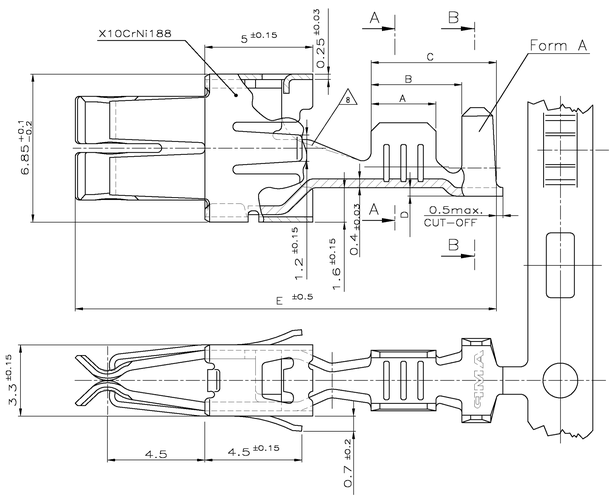
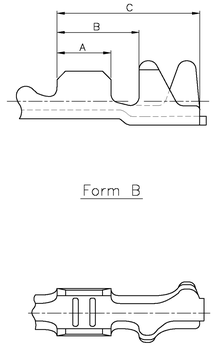
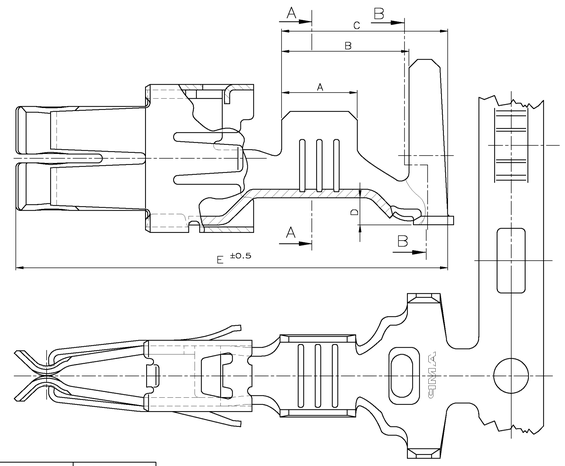
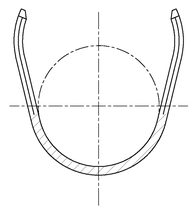
CONTACTS FOR FLR AND FLK—CABLE
Kontakte fuer FLR und FLK—Leitung





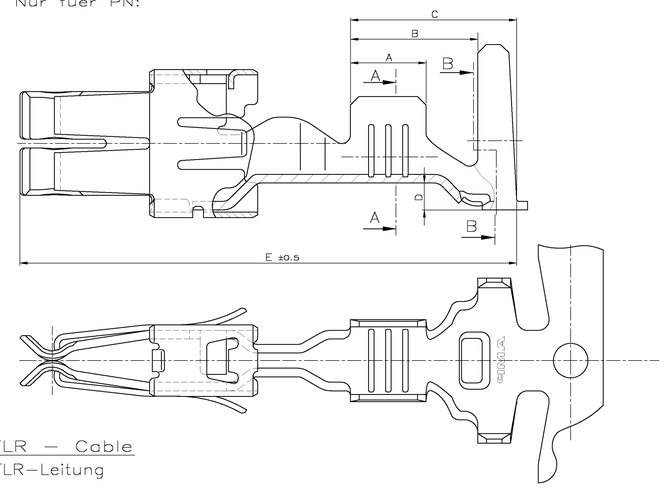
CONTACTS FOR SINGLE WIRE SEALING SYSTEM: FLR— AND FLK—CABLE
Kontakte fuer Einzel—Dichtung—System: FLR— und FLK—Leitung





SECTION B—B
Schnitt B—B

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



Dimensions see Figure Contacts for FLR — Cable
Masse siehe Darstellung der Kontakte fuer FLR—Leitung

REVISIONS					
LTR	DESCRIPTION	DATE	DWN	APVD
A9	PN 1—1670426—6 AND 1—1670427—6 ADDED	06—MAR—07	Abraham	Brunner
A10	NOTE 8 ADDED	27—NOV—07	Abraham	Brunner
A11	PN 1—969044—5 ADDED	10—JAN—07	Fryatha	Brunner
A12	PN 964325—5 AND 964325—1 REV. CORRECTED	27—MAR—08	Rapp	Brunner

								SECTION A—A Schnitt A—A	SECTION B—B Schnitt B—B	WIRE CRIMP Drahtcrimp	SECTION A—A Schnitt A—A	SECTION B—B Schnitt B—B		
			>4.0—6.0	3.6—5.1			A = 4.3 B = 6.5 C = 8.3 D=1.45 E = 20.0	E = 5.3 G = 5.6 D_{br} = 2.9	H = 8.15 K = 8.0 D_{so} = 6.0	5.0mm² =2.36 6.0mm² =2.55 PRELIMINARY vorlaeufig	E = 5.3 G = 5.6 D_{br} = 2.9			
1—1670426—6	A	1—1670427—6	INCL. AWG 10	6.0 (SEAL)	CuNiSi	7								
2—968037—4	A	2—968038—4	>2.5—4.0	3.4—3.7	CuSn4	5	A = 4.0 B = 5.9 C = 7.7 D=1.25 E = 23.0	E = 4.6 G = 4.8 D_{br} = 2.4	H = 7.6 K = 7.7 D_{so} = 5.6	4.0mm² =2.35 3.0mm² =2.13 —	E = 3.6 G = 4.95 D_{br} = 1.7	H = 7.0 K = 6.9 R = 4.1		
1—968037—4	A	1—968038—4			CuFe2	sel.Gold 3								
0—968037—2	A	0—968038—2		2	CuSn4	vorverzinnt								
2—968035—4	A	2—968036—4	>1.0—2.5	2.7—3.7	CuSn4	5	A = 3.5 B = 5.9 C = 7.7 D=1.25 E = 23.0	E = 3.8 G = 4.1 D_{br} = 1.6	H = 7.6 K = 7.7 D_{so} = 5.6	1.5mm² =1.76 2.0mm² =1.90 2.5mm² =2.04	E = 3.1 G = 4.2 D_{br} = 2.4	H = 7.0 K = 6.9 D_{so} = 4.1		
—	—	—			—	—								
0—968035—2	A	0—968036—2		2	CuSn4	vorverzinnt								
—	—	—	>2.5—4.0	3.4—4.5	—	—	A = 4.0 B = 5.9 C = 7.7 D=1.25 E = 20.0	E = 4.6 G = 4.8 D_{br} = 2.4	H = 7.8 K = 7.8 D_{so} = 5.7	3.0mm² =2.13 4.00mm² =2.35 —	E = 3.6 G = 4.93 D_{br} = 2.3	H = 7.5 K = 6.8 D_{so} = 4.6		
1—964334—5	A	1—964333—5			CuFe 2	6								
1—964334—1	A	1—964333—1		2	CuFe 2	vorverzinnt								
1—964332—5	A	1—964331—5	>1.0—2.5	2.2—3.7	CuFe 2	6	A = 3.5 B = 5.9 C = 7.7 D=1.25 E = 20.0	E = 3.8 G = 4.0 D_{br} = 1.7	H = 7.8 K = 7.8 D_{so} = 5.7	1.5mm² =1.76 2.0mm² =1.90 2.5mm² =2.04	E = 3.1 G = 4.2 D_{br} = 1.7	H = 7.5 K = 6.8 D_{so} = 4.6		
964332—5	A	964331—5			CuFe 2	4								
1—964332—2	A	1—964331—2		2	CuFe 2	sel.Gold 3								
1—964332—1	A	1—964331—1			CuFe 2	vorverzinnt								
—	—	—	0.5—1.0	1.4—2.7	—	—	A = 3.0 B = 5.4 C = 7.2 D=1.25 E = 20.0	E = 2.8 G = 3.0 D_{br} = 1.1	H = 7.7 K = 7.7 D_{so} = 5.5	0.5mm² =1.43 0.75mm² =1.52 1.0mm² =1.61	E = 2.2 G = 3.1 D_{br} = 1.1	H = 7.0 K = 6.8 D_{so} = 4.1		
1—964330—2	A	964329—2			CuFe 2	sel.Gold 3								
1—964330—1	A	964329—1		2	CuFe 2	vorverzinnt								
1—969044—5	A	1—969045—5	>2.5—4.0	3.4—4.5	CuFe 2	6	A = 4.0 B = 5.9 C = 7.7 D=1.45 E = 20.0	E = 4.6 G = 4.8 D_{br} = 2.4	H = 8.15 K = 8.0 D_{so} = 6.0	4.00mm² =2.35 — —	E = 3.6 G = 4.93 D_{br} = 2.3	H = 7.5 K = 6.8 D_{so} = 4.6		
969044—5	A	969045—5			CuFe 2	4								
969044—1	A	969045—1		2	CuFe 2	vorverzinnt								
—	—	—	>1.0—2.5	2.2—3.7	—	—	A = 3.5 B = 5.9 C = 7.7 D=1.45 E = 20.0	E = 3.8 G = 4.0 D_{br} = 1.7	H = 8.15 K = 8.0 D_{so} = 5.7	2.5mm² =2.04 2.0mm² =1.90 1.5mm² =1.76	E = 3.1 G = 4.2 D_{br} = 1.7	H = 7.5 K = 6.8 D_{so} = 4.6		
—	—	—			—	—								
969042—1	A	969043—1		2	CuFe 2	vorverzinnt								
—	—	—	0.5—1.0	1.4—2.7	—	—	A = 3.0 B = 5.4 C = 7.2 D=1.35 E = 20.0	E = 2.8 G = 3.0 D_{br} = 1.1	H = 7.85 K = 7.7 D_{so} = 5.5	1.0mm² =1.61 0.75mm² =1.52 0.5mm² =1.43	E = 2.2 G = 3.1 D_{br} = 1.1	H = 7.0 K = 6.8 D_{so} = 4.1		
—	—	—			—	—								
969040—1	A	969041—1		2	CuFe 2	vorverzinnt								
—	—	—	>2.5—4.0	3.3—4.5	—	—	A = 4.0 B = 5.2 C = 6.8 D = 0.6 E = 19.5	E = 4.6 G = 4.8 D_{br} = 2.4	H = 6.4 K = 6.7 D_{so} = 4.0 Form A	3.0mm² =2.13 3.5mm² =2.24 4.00mm² =2.35	E = 3.6 G = 4.95 D_{br} = 2.3	H = 5.5 K = 5.7 D_{so} = 3.1		
964328—5	A	964327—5			CuFe 2	4								
964328—1	A	964327—1			CuFe 2	vorverzinnt								
Ⓜ964326—5	B	964325—5	>1.0—2.5	2.2—3.0	CuFe 2	4	A = 3.5 B = 4.7 C = 6.3 D = 0.4 E = 19.5	E = 3.8 G = 4.0 D_{br} = 1.7	H = 4.7 K = 4.9 D_{so} = 2.6 Form A	1.5mm² =1.76 2.0mm² =1.90 2.5mm² =2.04	E = 3.1 G = 4.2 D_{br} = 1.7	H = 3.8 K = 4.4 D_{so} = 2.3		
—	—	—			—	—								
964326—1	B	964325—1			CuFe 2	vorverzinnt								
—	—	—	0.5—1.0	1.4—2.1	—	—	A = 3.0 B = 4.2 C = 5.8 D = 0.4 E = 19.5	E = 2.8 G = 3.0 D_{br} = 1.1	H = 3.8 K = 4.1 D_{so} = 1.8 Form A	0.5mm² =1.43 0.75mm² =1.52 1.0mm² =1.61	E = 2.2 G = 3.1 D_{br} = 1.1	H = 3.1 K = 3.7 D_{so} = 1.8		
—	—	—			—	—								
964324—1	A	964323—1			CuFe 2	vorverzinnt								
—	—	—	0.2—0.5	1.15—1.6	—	—	A = 2.5 B = 3.8 C = 6.6 D = 0.3 E = 19.5	E = 2.2 G = 2.2 D_{br} = 0.8	H = 3.1 K = 3.1 D_{so} = 1.4 Form B	0.2mm² =1.13 0.25mm² =1.15 0.35mm² =1.19 0.5mm² =1.26	E = 2.0 G = 2.3 D_{br} = 0.8	H = 2.5 K = 2.7 D_{so} = 1.4		
—	—	—			—	—								
964322—1	A	964321—1			CuFe 2	vorverzinnt								
ORDER NO. BESTELL— NR. STRIP BANDWARE	Rev.	ORDER NO. BESTELL— NR. LOOSE PIECE Einzelaus— fuehrung	WIRE RANGE Drahtgroessen Bereich (mm^2)	INSULATION Ø Isolations ø (mm)	MATERIAL Werkstoff	SURFACE Oberfläche	LENGTH Laenge	STRIP FORM WIRE CRIMP Drahtcrimp	STRIP FORM INSUL.—CRIMP Isol.—Crimp Bandware	CRIMP HEIGHT Crimp—Höhe	LOOSE PIECE WIRE CRIMP Drahtcrimp	LOOSE PIECE INSUL.—CRIMP Isol.—Crimp Einzelausführung		

CRIMP DIMENSIONS (mm)
Crimpabmessungen (mm)

SINGLE WIRE SEALING SYSTEM 1

	HAND TOOL (Handzange)	INSERT (Matrize)	HAND TOOL (Handzange)	INSERT (Matrize)
CERTILOCK:	169400—1	539616—1	539635—1	539666—2
ERGOCRIMP:				

FLR/FLK

	HAND TOOL (Handzange)	INSERT (Matrize)	HAND TOOL (Handzange)	INSERT (Matrize)
CERTILOCK:	169400—0	539615—1	539635—1	539665—2
ERGOCRIMP:				

FLR—CABLE / Leitung

968 107—1

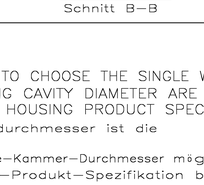
SEE APPLICATION SPECIFICATION
siehe Verarbeitungsspezifikation
114—18037

ORDER NO. BESTELL— NR.
TOOL INSERT
Handzange/Matrize
LOOSE PIECE
fuer Einzelausfuehrung

ORDER NO. BESTELL— NR.
EXTRACTION TOOL
Ausdruckwerkzeug

CRIMP DATA AND CRIMP TOOL
Crimpdaten u. Crimpwerkzeuge

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



SECTION B—B
Schnitt B—B

NOTES
Bemerkungen

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 auszuwählen
Achtung:Verschiedene Gehäuse—Kammer—Durchmesser möglich, bitte entsprechende Gehäuse—Produkt—Spezifikation beachten!

2 ADDITIONAL CUSTOMER—SPECIFIC SEAL EXISTING
Weitere kundenspezifische Einzeldichtung vorhanden

3 BODY ELECTRO TIN PLATED OVER NICKEL 0.2 µm min.
Kontaktkörper gal. verzinnt über Nickel
CONTACT AREA SELECTIV GOLD OVER NICKEL 0.8 µm min.
Kontaktzone selectiv vergoldet über Ni
WIRE CRIMP AREA ELECTRO TIN PLATED OVER NICKEL 1 µm min.
Drahtcrimpbereich galv. verzinnt über Nickel

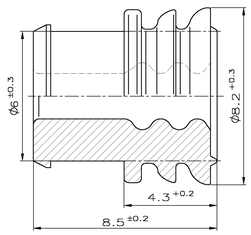
4 CONTACT ZONE SELECTIVE PRE SILVER PLATED MIN.1—1.5µm
Kontaktzone selektiv vorversilbert min. 1—1.5µm

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

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

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

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



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 grün
968043—1	4.3—5.1	RED rot
ORDER NO. BESTELL— NR.	INSULATION Ø Isolations ø	COLOUR Farbe

CUSTOMER PART NO	AMP PART NO	REV.	PCS.	MATERIAL	SURFACE COLOR	DESCRIPTION	ITEM NO
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	siehe Tabelle	—

DIMENSIONS: mm ± 0.2mm
MATERIAL: —
FINISH: —
TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN
ANGLES / WINKEL: —

M.Pfeilschifter 31—MAY—00
V. Huhn 15—MAY—00
M. Bleicher 15—MAY—00
PRODUCT SPEC 108—18025
APPLICATION SPEC 114—18037
WEIGHT —

Tyco Electronics
AMP Deutschland GmbH
D — 63225 Langen

STANDARD POWER TIMER CONTACT TYP A

SIZE A0 | CAGE CODE 00779 | DRAWING NO 1355049 | RESTRICTED TO —
CUSTOMER DRAWING | 10:1 | SHT 1 OF 1 | REV A12