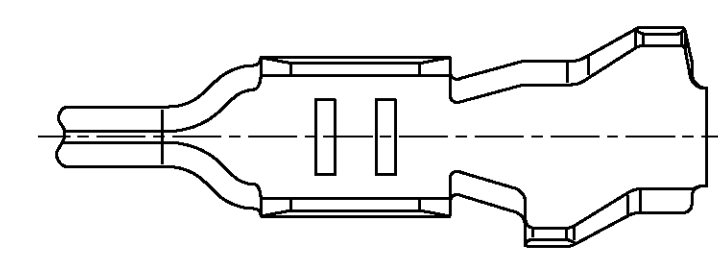
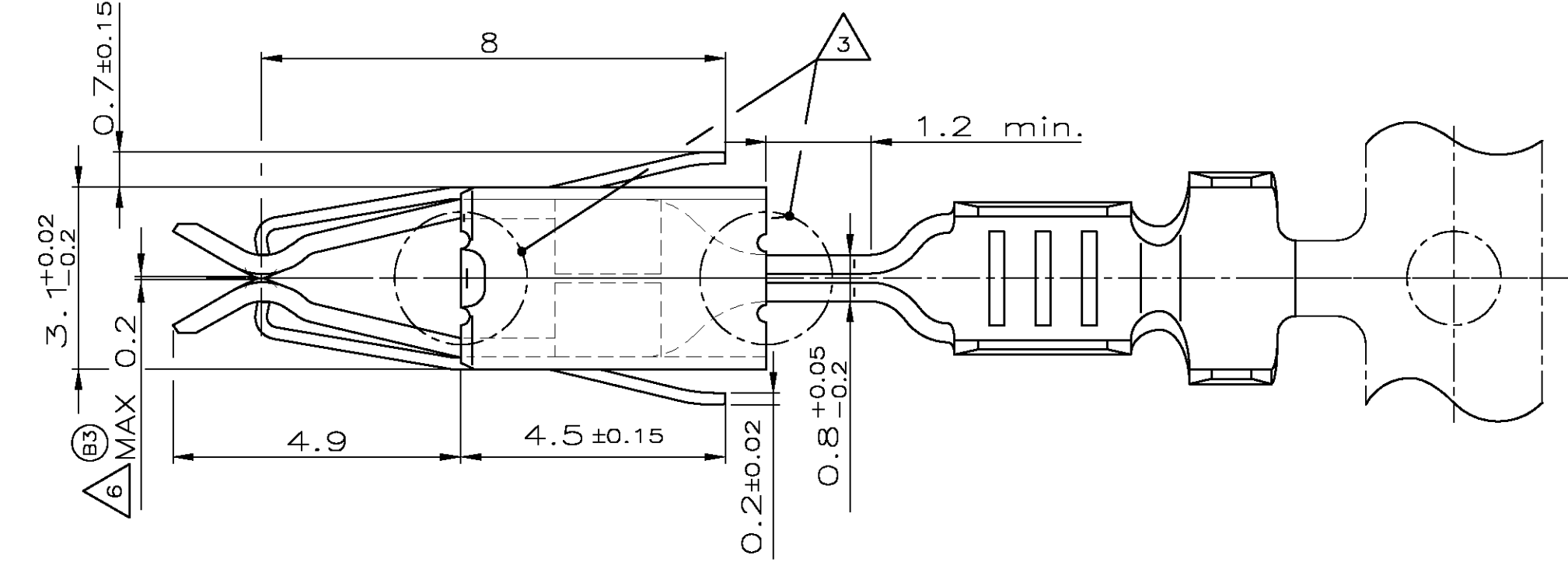
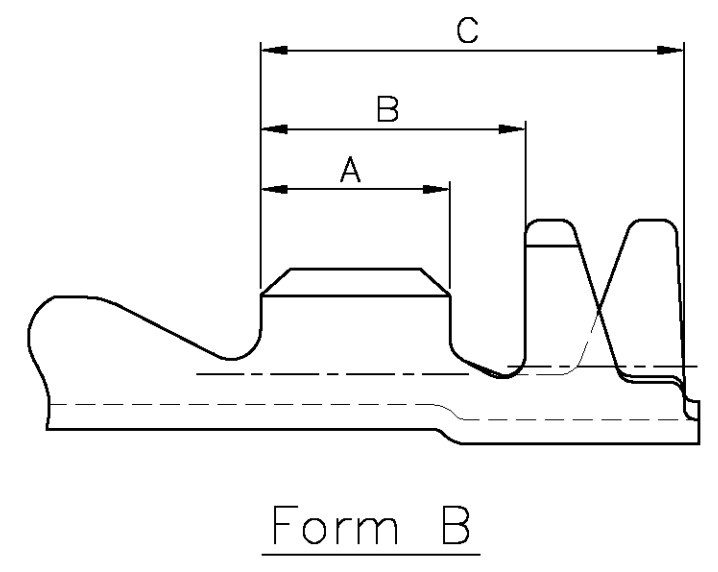
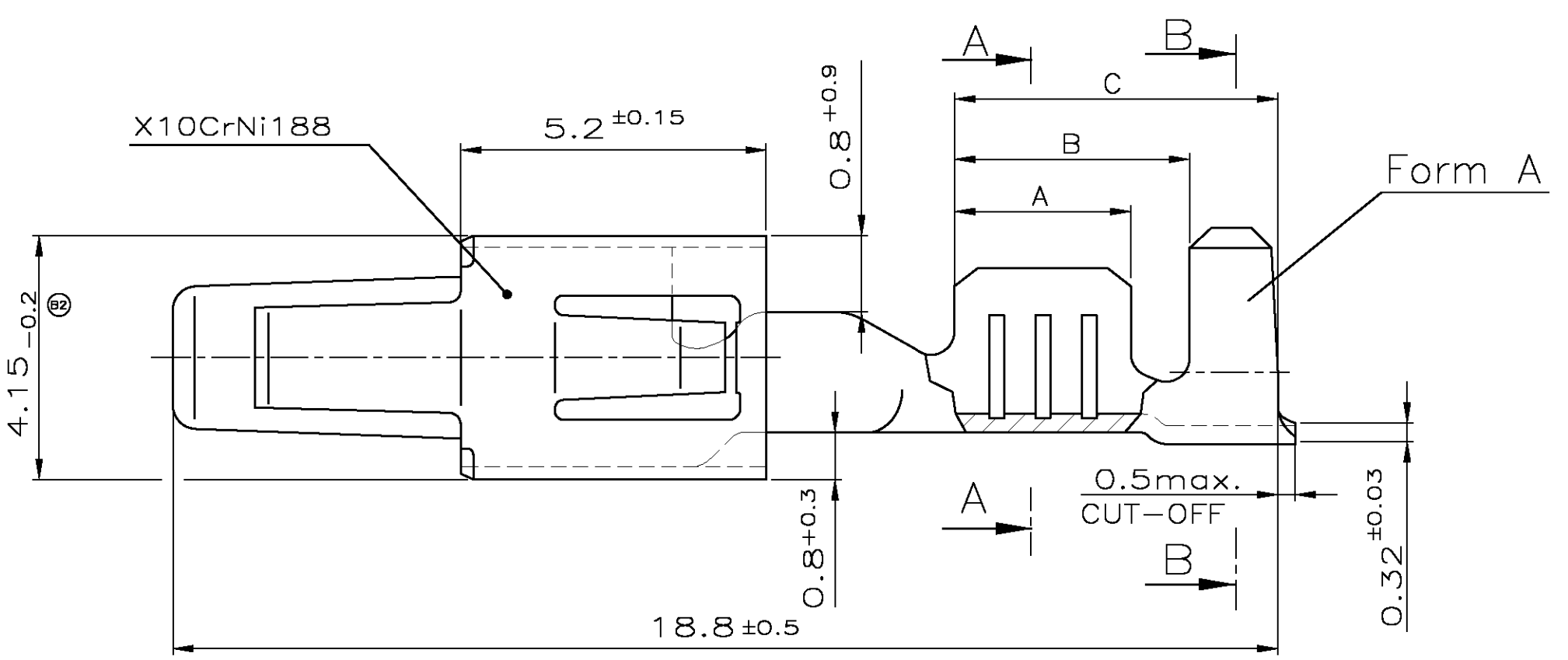
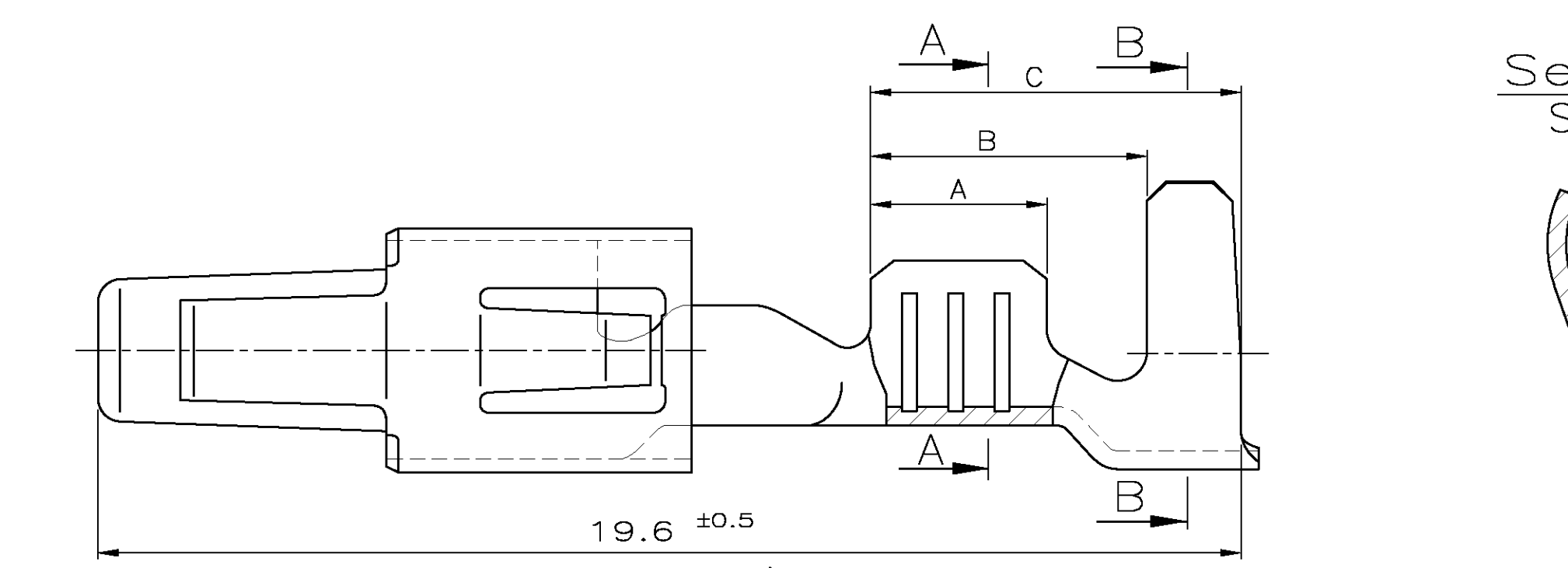


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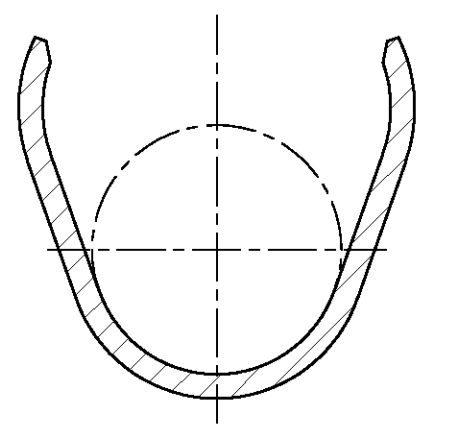
LOC	DIST	REVISIONS					
AI	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
PROJEKT NR.:	-	B3	NEW PN ADDED/TOLERANCE CORRECTED	16.Jun.03	ABRAHAM,G	BRUNNER,M.	
		B4	NEW PN ADDED	15.Oct.03	ABRAHAM,G	BRUNNER,M.	
		B5	NEW DASH NUMBERS ADDED	15.Apr.05	ABRAHAM,G	BRUNNER,M.	
		B6	NEW PN 1241978-1 ADDED	20.FEB.07	ABRAHAM,G	BRUNNER,M.	
		B7	NEW PN 1719534-4 AND 4-1719534-1 ADDED	20.FEB.07	ABRAHAM,G	BRUNNER,M.	
		B8	NEW PN 2-1564326-1 AND 2-1564326-1 ADDED	01AUG08	ABRAHAM,G	BRUNNER,M.	
		B9	DASH NUMBER ADDED	06AUG08	MEYER,D.	BRUNNER,M.	



CONTACTS FOR FLR-CABLE  
 Kontakte für FLR-Leitung

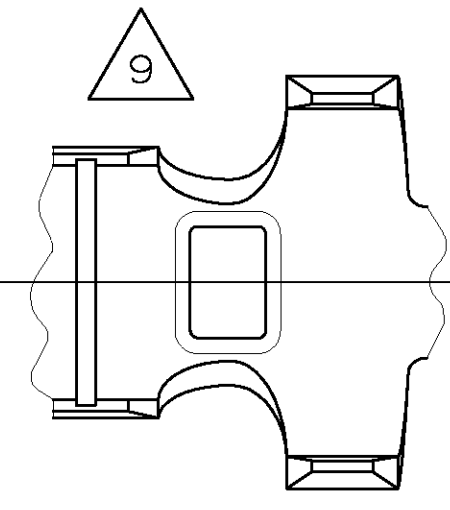
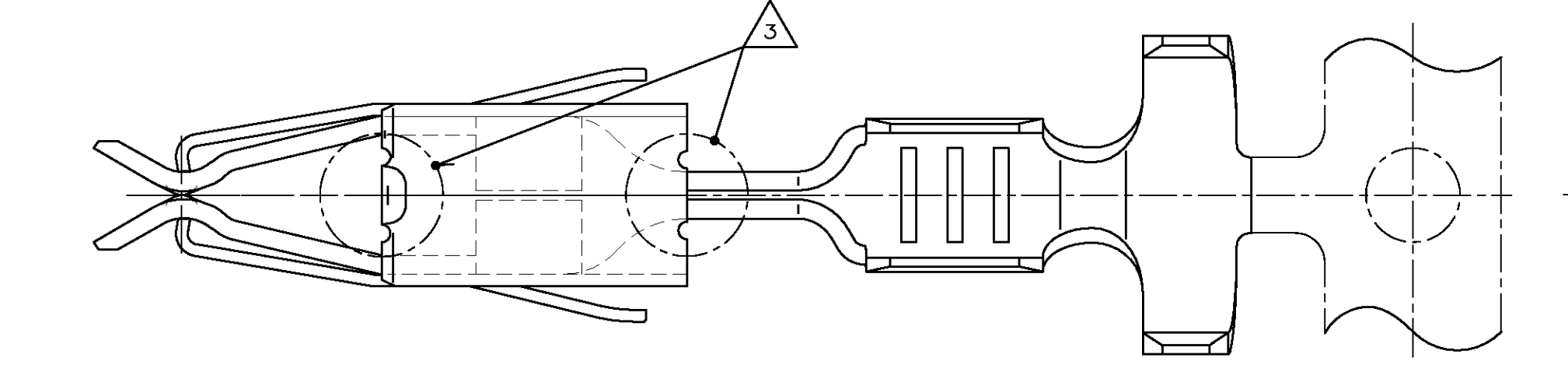


Section B-B  
 Schnitt B-B



CONTACTS FOR SINGLE WIRE SEALING SYSTEM: FLR- AND FLK-CABLE  
 Kontakte für Einzel-Dichtungs-System: FLR- und FLK-Leitung

DIMENSIONS SEE FIGURE CONTACTS FOR FLR-CABLE  
 Maße siehe Darstellung der Kontakte für FLR-Leitung



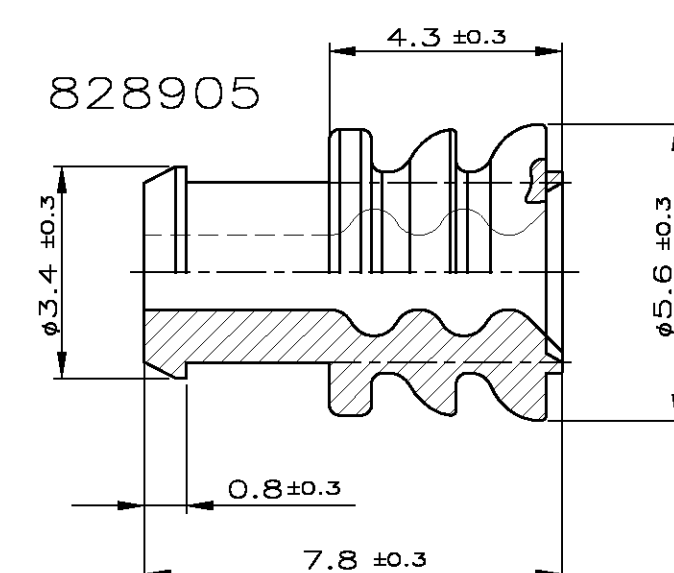
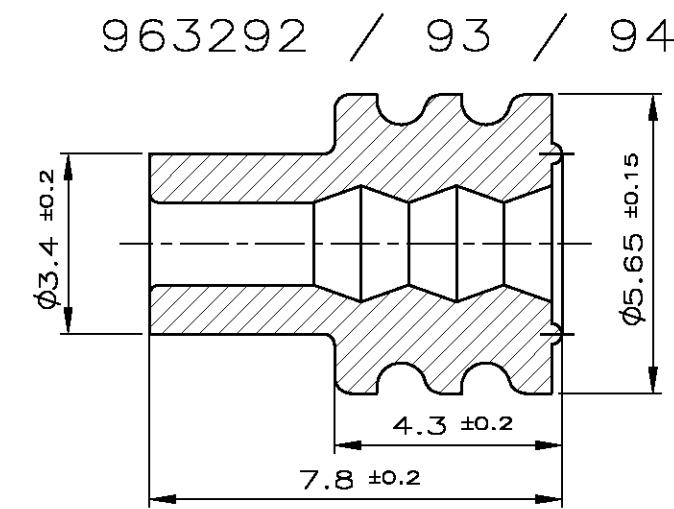
THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. DIESES ZEICHNUNGSDOKUMENT WIRD DURCH AMP INCORPORATED KONTROLLIERT. ANDÄNDERUNGEN, DIE DEM TECHNISCHEN FORTSCHRITT DIENEN, SIND VORBEHALTEN. DEN JÜNDELS LETZTBESTEHENDEN ANDÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.		DWN: M.Pfeilschifter CHK: V.Huhn APVD: M.Bleicher PRODUCT SPEC: 108-18013 APPLICATION SPEC: 114-18050 VERARBEITUNGSSPEZ: 114-18050 WEIGHT: - CUSTOMER DRAWING: /KUNDENZEICHNUNG	18-AUG-00 18-AUG-00 02-Jun-03 NAME: Junior Power Timer Typ A Product Group Drawing JPT Typ A Kundensammelzeichnung SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1355047 RESTRICTED TO: NUR FÜR: - MASSSTAB: 10:1 BLATT: 1 VON 2 REV: B9
DIMENSIONS: mm DIMENSIONS: mm MATERIAL: -	TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN n. ISO 8015 n. ISO 2768 - mH - E n. DIN 16901 - 140 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- ANGLES / WINKEL ±- FINISH / OBERFLÄCHE / FARBE -	tyco Electronics AMP GmbH D - 64625 Bensheim	Tyco Electronics D - 64625 Bensheim

LOC	DIST	REVISIONS		
AI	-	ÄNDERUNGEN	DATE	DWN
PROJEKT NR.:	-	BESCHREIBUNG	-	APVD
-	-	SEE SHEET 1	-	-

Section	Schnitt	Section	Schnitt	Section	Schnitt	Section	Schnitt
A-A	B-B	A-A	B-B	A-A	B-B	A-A	B-B
9	2-1564326-1	A	2-1564327-1	0.35	SEAL	CuSn4	A = 2.5 B = 4.7 C = 6.3 E = 2.4 G = 2.3 D <sub>cr</sub> = 1.0 H = 4.85 K = 4.5 D <sub>cr</sub> = 3.2 E = 2.4 G = 2.3 D <sub>cr</sub> = 1.0
9	4-1719534-1	A	4-1719535-1	AWG 12	3.0-3.8	CuNiSi	A = 3.5 B = 5.7 C = 7.3 E = 4.0 G = 4.2 D <sub>cr</sub> = 2.0 H = 5.45 K = 5.0 D <sub>cr</sub> = 3.5 E = 4.0 G = 4.2 D <sub>cr</sub> = 2.0
5	4-1241872-1	A	4-1241873-1	>1.0-2.5	2.2-3.0	CuNiSi	A = 3.5 B = 5.2 C = 6.8 E = 3.6 G = 3.8 D <sub>cr</sub> = 1.8 H = 5.3 K = 5.0 D <sub>cr</sub> = 3.5 E = 2.8 G = 3.9 D <sub>cr</sub> = 1.7 H = 4.8 K = 4.5 R = 2.8
5	4-1241868-1	A	4-1241869-1	0.5-1.0	1.4-2.7	CuNiSi	A = 3.0 B = 4.7 C = 6.3 E = 2.5 G = 2.7 D <sub>cr</sub> = 1.2 H = 5.1 K = 4.8 D <sub>cr</sub> = 3.3 E = 2.2 G = 2.8 D <sub>cr</sub> = 1.2 H = 4.4 K = 4.2 R = 2.6
5	4-1241864-1	A	4-1241865-1	0.2-0.5	1.2-2.3	CuNiSi	A = 2.5 B = 4.7 C = 6.3 E = 2.1 G = 2.1 D <sub>cr</sub> = 0.8 H = 4.7 K = 4.5 D <sub>cr</sub> = 3.2 E = 1.7 G = 2.15 D <sub>cr</sub> = 0.8 H = 4.2 K = 4.15 R = 2.4
5	6-964273-6	F	-	>1.0-2.5	2.2-3.0	CuSn 4	A = 3.5 B = 5.2 C = 6.8 E = 3.6 G = 3.8 D <sub>cr</sub> = 1.8 H = 5.3 K = 5.0 D <sub>cr</sub> = 3.5 E = 2.8 G = 3.9 D <sub>cr</sub> = 1.7 H = 4.8 K = 4.5 R = 2.8
5	4-964286-1	F	964285-5	0.5-1.0	1.4-2.7	CuNiSi	A = 3.0 B = 4.7 C = 6.3 E = 2.5 G = 2.7 D <sub>cr</sub> = 1.2 H = 5.1 K = 4.8 D <sub>cr</sub> = 3.3 E = 2.2 G = 2.8 D <sub>cr</sub> = 1.2 H = 4.4 K = 4.2 R = 2.6
5	4-964282-1	F	964281-5	0.2-0.5	1.2-2.3	CuNiSi	A = 2.5 B = 4.7 C = 6.3 E = 2.1 G = 2.1 D <sub>cr</sub> = 0.8 H = 4.7 K = 4.5 D <sub>cr</sub> = 3.2 E = 1.7 G = 2.15 D <sub>cr</sub> = 0.8 H = 4.2 K = 4.15 R = 2.4
5	4-1241870-1	A	4-1241871-1	>1.0-2.5	2.2-3.0	CuNiSi	A = 3.3 B = 4.3 C = 5.8 E = 3.6 G = 3.8 D <sub>cr</sub> = 1.8 H = 4.7 K = 4.9 D <sub>cr</sub> = 2.6 E = 2.8 G = 3.9 D <sub>cr</sub> = 1.7 H = 3.8 K = 4.3 R = 2.3
5	4-1241866-1	A	4-1241867-1	0.5-1.0	1.4-2.1	CuNiSi	A = 3.0 B = 4.0 C = 5.5 E = 2.5 G = 2.7 D <sub>cr</sub> = 1.8 H = 3.7 K = 3.9 D <sub>cr</sub> = 1.8 E = 2.2 G = 2.8 D <sub>cr</sub> = 1.2 H = 2.8 K = 3.5 R = 1.8
5	4-1241862-1	A	4-1241863-1	0.2-0.5	1.15-1.6	CuNiSi	A = 2.5 B = 3.5 C = 5.6 E = 2.1 G = 2.1 D <sub>cr</sub> = 0.8 H = 2.7 K = 2.8 D <sub>cr</sub> = 1.4 E = 1.7 G = 2.15 D <sub>cr</sub> = 0.8 H = 2.5 K = 2.4 R = 1.4
5	1241978-2	A	1241977-2	>2.5-4.0	2.7-3.7	CuSn 4	A = 3.6 B = 5.0 C = 6.5 E = 4.5 G = 4.7 D <sub>cr</sub> = 2.3 H = 5.8 K = 6.0 D <sub>cr</sub> = 3.3 E = 3.4 G = 4.8 D <sub>cr</sub> = 2.3 H = 4.4 K = 5.1 R = 2.6
5	4-965999-1	F	964346-5	>1.0-2.5	2.2-3.0	CuNiSi	A = 3.3 B = 4.3 C = 5.8 E = 3.6 G = 3.8 D <sub>cr</sub> = 1.8 H = 4.7 K = 4.9 D <sub>cr</sub> = 2.6 E = 2.8 G = 3.9 D <sub>cr</sub> = 1.7 H = 3.8 K = 4.3 R = 2.3
5	4-964284-1	F	964283-5	0.5-1.0	1.4-2.1	CuNiSi	A = 3.0 B = 4.0 C = 5.5 E = 2.5 G = 2.7 D <sub>cr</sub> = 1.2 H = 3.7 K = 3.9 D <sub>cr</sub> = 1.8 E = 2.2 G = 2.8 D <sub>cr</sub> = 1.2 H = 2.8 K = 3.5 R = 1.6
5	4-964280-1	F	964279-5	0.2-0.5	1.15-1.6	CuNiSi	A = 2.5 B = 3.5 C = 5.6 E = 2.1 G = 2.1 D <sub>cr</sub> = 0.8 H = 2.7 K = 2.8 D <sub>cr</sub> = 1.4 E = 1.7 G = 2.15 D <sub>cr</sub> = 0.8 H = 2.5 K = 2.4 R = 1.4

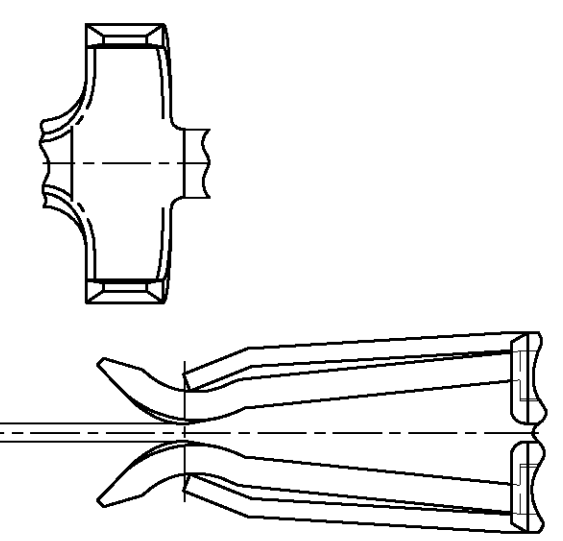
Hand tool (Hauptsäge)	169400-0	Insert (Matrize)	539614-1
Hand tool (Hauptsäge)	169400-0	Insert (Matrize)	539613-1
Hand tool (Hauptsäge)	169400-0	Insert (Matrize)	539613-1

Single Wire Seal Einzel-Dichtung		
963292-1	2.7-3.0	yellow gelb
963293-1	2.0-2.7	redbrown rotbraun
963294-1	1.2-2.1	blue blau
828905-1	2.2-3.0	white weiss
ORDER NO. BESTELL-NR.	Insulation Ø Isolations Ø	Colour Farbe



NOTES  
Bemerkungen

- 1 BODY ELECTRO TIN PLATED OVER NICKEL  
Kontaktkörper gal. verzinkt ueber Nickel 0.2 µm min.  
CONTACT AREA SELECTIV GOLD OVER NICKEL  
Kontaktzone selectiv vergoldet ueber Nickel 0.8 µm min.  
WIRE CRIMP AREA ELECTRO TIN PLATED 1 µm min.  
Drahtcrimpbereich galv. verzinkt
- 2 ACCORDING INSULATION Ø IS TO CHOOSE THE SINGLE WIRE SEAL  
Entsprechend dem Isolationsdurchmesser ist die Einzel-Dichtung auszuwählen
- 3 CUT OFF OPTIONAL  
Optionaler Federabschnitt
- 4 INSULATION BARREL DESIGN OPTIONAL  
Ausfuehrung Isolationshülse wahlweise
- 5 VARIANTS WITH GAP-SIZE 0.3mm  
Varianten mit Gap-Size 0.3mm
- 6 FOR EVALUATION OF THE GAP-SIZE, THE MATING-FORCE HAS PRIORITY.  
Zur Beurteilung des Oeffnungsmasses ist die Steckkraft ausschlaggebend
- 7 CONTACT BODY PRE SILVER PLATED MIN. 0.8µm  
CONTACT ZONE SELECTIVE PRE SILVER PLATED MIN. 3µm  
Kontaktkörper vorversilbert min. 0.8µm  
Kontaktzone selektiv vorversilbert min. 3µm
- 8 1-3µm Sn28M LAYER FOR HIGHER TEMPERATURE REQUIREMENTS  
1-3µm Sn28M Schicht fuer Hoehere Temperaturanforderungen
- 9 PUNCHED WITH VOLATILIZING STAMPING-OIL  
Gestant mit verfluechtigendem Stanzool



REMARK	Order No. BESTELL-NR.	Rev.	Order No. Loose piece Einzel-Fuehrung	Wire Range Drahtgrößen Bereich	Insulation Ø Isolations Ø (mm)	Material Werkstoff	Surface Oberfläche	Length Länge	Wire crimp Drahtcrimp	Insul.crimp Iso.crimp	Wire crimp Drahtcrimp	Insul.crimp Iso.crimp	Order No. BESTELL-NR. Tool/Insert	Order No. Extraction	Crimp tool
Bemerkung	Strip BANDWARE												Hand tool (Hauptsäge)	Insert (Matrize)	Crimp tool

DIMENSIONS: mm OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN n. ISO 8015 n. ISO 2768 - mH - E n. DIN 16901 - 140 ±0.2mm		DIMENSIONS: mm OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN n. ISO 8015 n. ISO 2768 - mH - E n. DIN 16901 - 140 ±0.2mm		DIMENSIONS: mm OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN n. ISO 8015 n. ISO 2768 - mH - E n. DIN 16901 - 140 ±0.2mm	
MATERIAL: - FINISH/OBERFLAECHE/FARBE: -			MATERIAL: - FINISH/OBERFLAECHE/FARBE: -		
CUSTOMER DRAWING /KUNDENZEICHNUNG		MASSSTAB 10:1		BLATT 2 VON 2	