

REVISION Aenderungsstand /  
NUMBER CODE PRODUCTIONTOOL  
Nummercode Produktionswerkzeug

MANUFACTURING LOCATION CODE  
Kennzahl Produktionsstandort

DATE CODE E.G. WEEK NUMBER 12 YEAR 2013 (1213)  
Datumscode z.B. Woche 12 Jahr 2013 (1213)

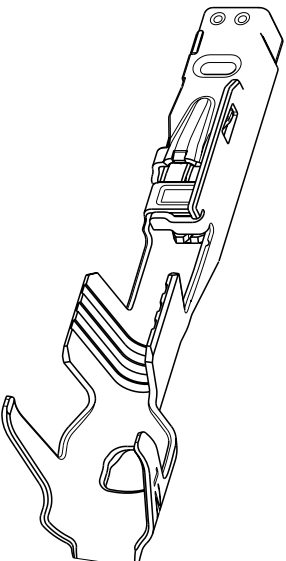
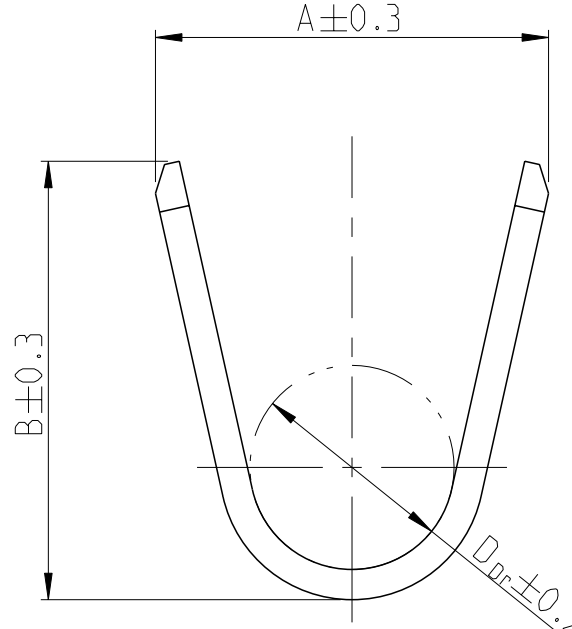
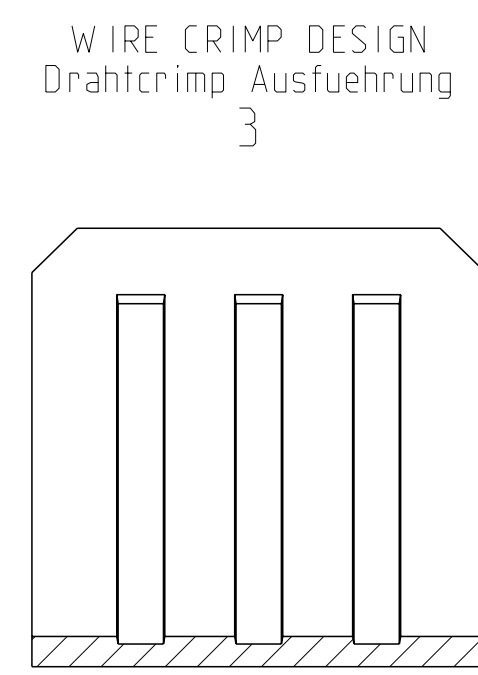
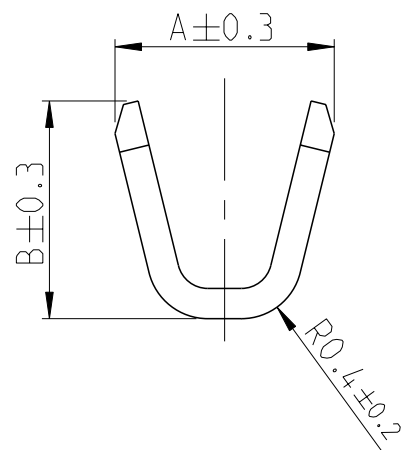
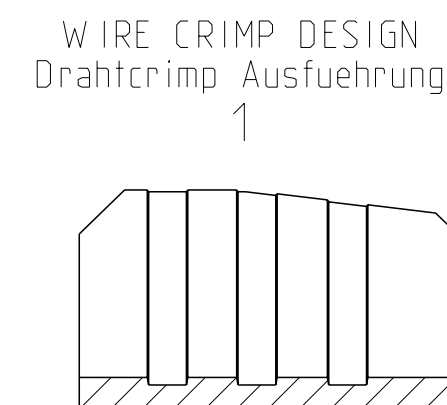
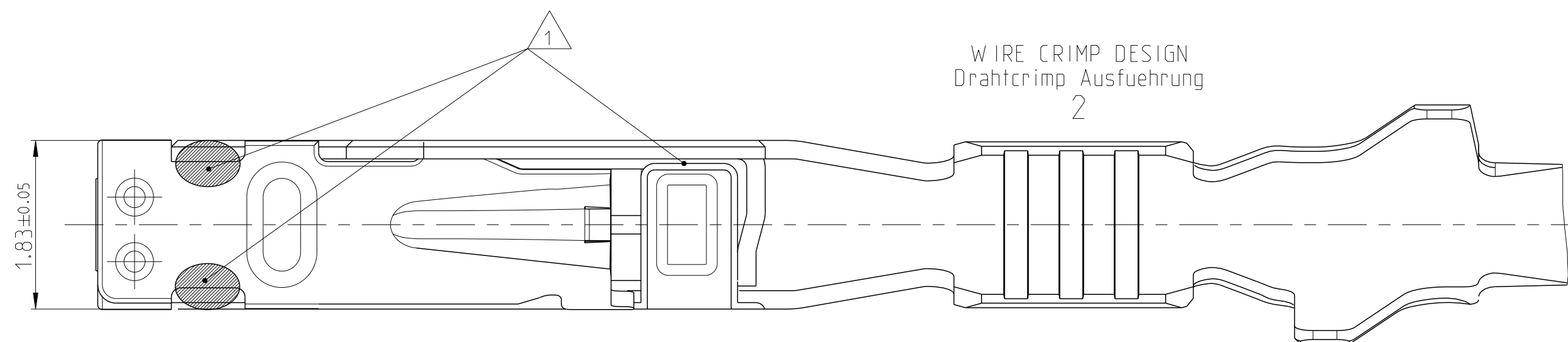
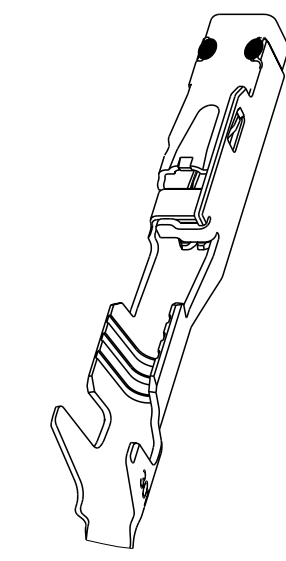
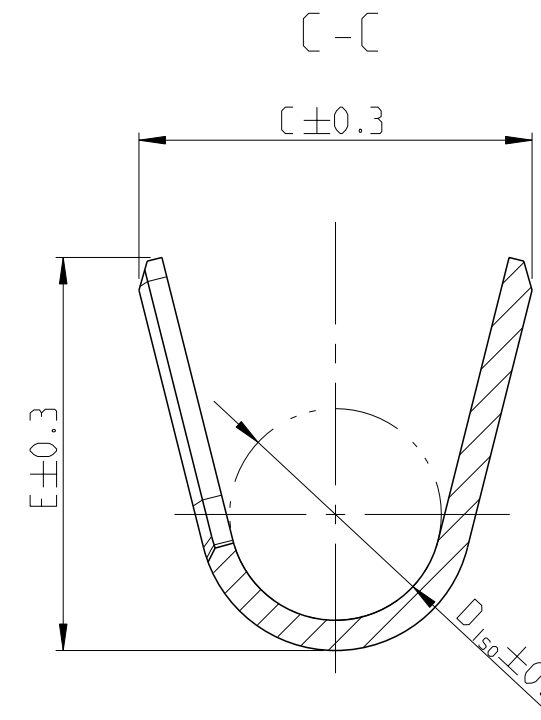
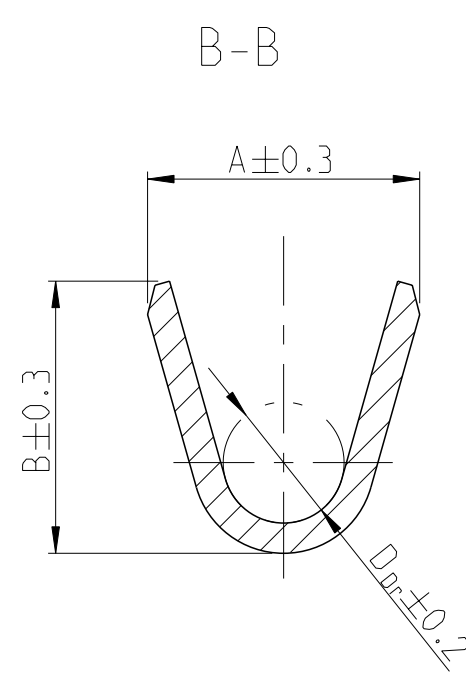
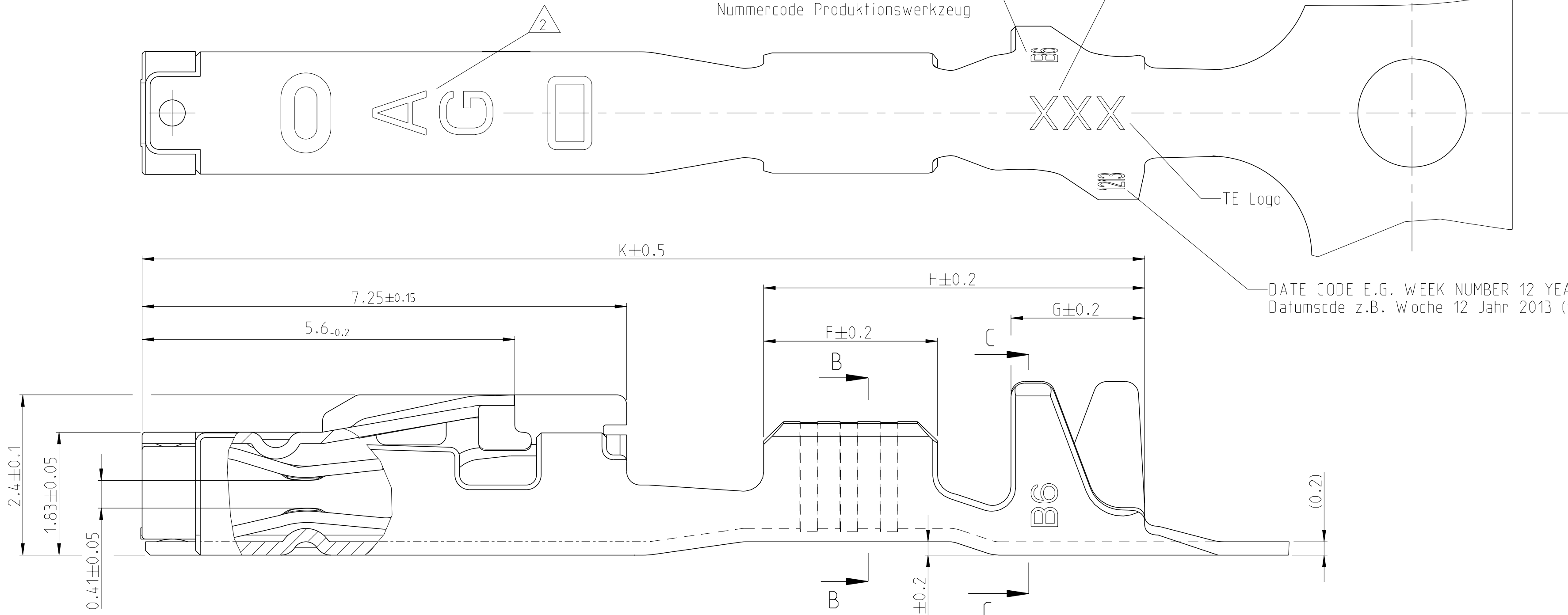
Project No.  
PRJ-11-000001417

LOC  
A1

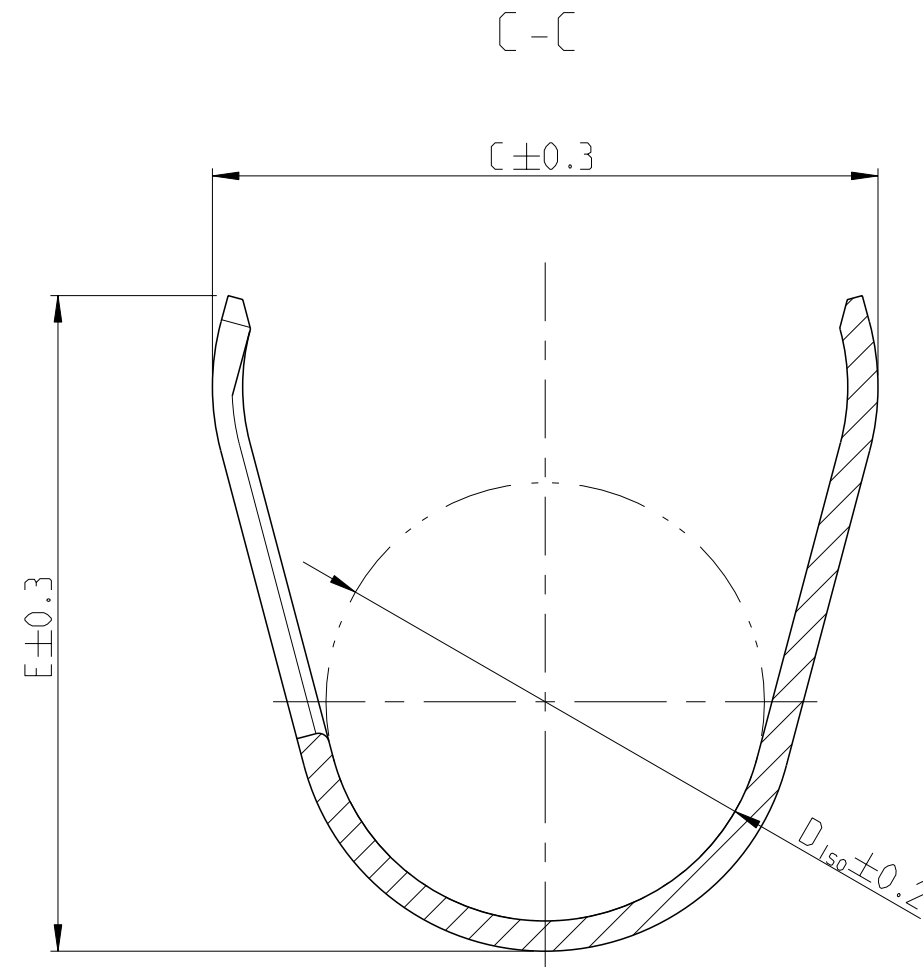
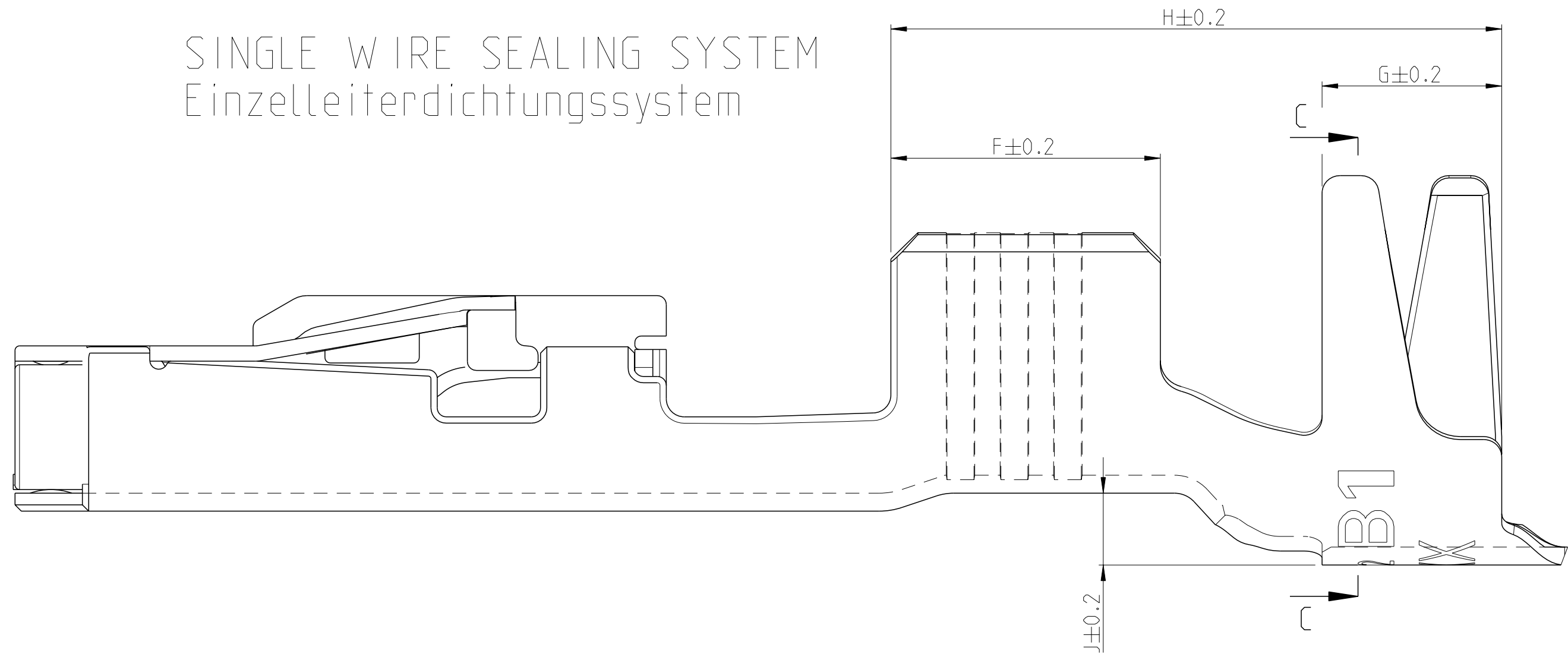
DIST  
-

REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
C4		PN 2141861 and 2141970 active ECR-14-001724	06FEB2014	Abt	Raab
C5		ECR-14-008680 CANCELED	12JUN2014	Abt	Raab
C6		Name Changed to MCON 1.2 LL ECR-14-012725	25AUG2014	Abt	Raab
C7		See PCN E-17-018644	21DEC2017	FRAN	KURF

STANDARD APPLICATION  
Standard Anwendung



SINGLE WIRE SEALING SYSTEM  
Einzelleiterdichtungssystem



NOTES  
Bemerkungen

- 1 LASER WELDED  
Lasergeschweisst
- 2 STAMPED INDICATOR FOR PLATING:  
- AU GOLD PLATING  
- AG SILVER PLATING  
- TIN PLATING WITHOUT INDICATOR  
Markierung fuer galvanische Ausfuehrung:  
- AU vergoldet  
- AG versilbert  
- verzinkt: ohne Markierung
- 3 TO BE USED ON TAB  
1.2±0.1 x 0.6±0.03 MM  
geeignet fuer Flachstecker  
1.2±0.1 x 0.6±0.03 mm

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. Horn CHK R. Meier APVD V. Seipel	11NOV2011 11NOV2011 11NOV2011
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-18782 APPLICATION SPEC 114-18464	NAME MCON 1.2 LL (LOCKING-LANCE)
MATERIAL -	FINISH -	WEIGHT 0.18 g	SIZE A1
Customer Drawing		SCALE 20:1	SHEET 1 of 2
		REV 7	

8		7	
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2				1			
LOC	DIST	REVISIONS					
A1	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

VERSION / Auslieferung		REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø [mm]	AWG	mm <sup>2</sup>	BODY Kontakt- koerper	SPRING Kontakt- feder	BODY Kontakt- koerper	SPRING Kontakt- feder	DESIGN WIRE-CRIMP Auslieferung Draht - Crimp	A	B	D <sub>Dr</sub>	C	E	D <sub>ISO</sub>	F	G	H	J	K	SINGLE WIRE SEAL FOR CAVITY DIAMETER  Einzeldichtung fuer Kammerdurchmesser TE NO.	BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge							
ORDER-NO. STRIP FORM  Bestell-Nr. Bandware	WIRE-SIZE RANGE INSULATION DIAMETER Leiterquerschnitt Isolationsdurchmesser											MATERIAL Werkstoff	SURFACE Oberflaeche	WIRE CRIMP Drahtcrimp	INSULATION CRIMP Isolationscrimp		STRIP FORM/Bandware															
STANDARD APPLICATION Standardanwendung	SINGLE WIRE SEAL/ Einzeldichtung	214 1970-3	A	0.13-	0.95-	-	0.13	CuSn4	CuNiSi	△8	△7	1	1.5	1.4	-	4.0	3.9	2.6	2.5	1.9	6.2	0.6	16	SEE APPLICATION SPEC.: 114-18464 siehe Verarbeitungsspez. 114-18464								
		214 1970-2	A	0.22		-	0.17				△6		2	1.8	1.8	0.8	4.2	4.3	2.6	2.6	2.0	6.4	0.8				16					
		214 1970-1	A	△9		1.2	-				0.22			△5	2	1.8	1.8	0.8	4.2	4.3	2.6	2.6	2.0				6.4	0.8	16			
		7-1452665-3	A	0.25-	1.1-	-	0.25				△7	2	1.8	1.8		0.8	4.2	4.3	2.6	2.6	2.0	6.4	0.8				16					
		7-1452665-2	A			24	-				△6		2	2.0		2.1	1.1	4.2	4.3	2.7	2.6	2.0	6.4				0.8	16				
		7-1452665-1	A			0.35	1.75				-			0.35	△5	2.0	2.1	1.1	4.2	4.3	2.7	2.6	2.0				6.4	0.8	16			
		7-1452668-3	A	0.5-	1.4-	20	0.5				△7	2	2.0	2.1	1.1	4.2	4.3	2.7	2.6	2.0	6.4	0.8	16									
		7-1452668-2	A			0.75	1.9				-		0.75	△6	2	2.6	2.9	1.35	4.4	4.3	2.9	3.0	2.0				6.8	0.8	16.55			
		7-1452668-1	A			1-	1.9-				18		-	△7		2	2.6	2.9	1.35	4.4	4.3	2.9	3.0				2.0	6.8	0.8	16.55		
		7-1452671-3	A	1-	1.9-	-	1				△6	2	2.6	2.9	1.35		4.4	4.3	2.9	3.0	2.0	6.8	0.8				16.55					
		7-1452671-2	A			1.5	2.4				16		-	△5	2		2.6	2.9	1.35	4.4	4.3	2.9	3.0				2.0	6.8	0.8	16.55		
		7-1452671-1	A			-	1.5				△7		2	2.6		2.9	1.35	4.4	4.3	2.9	3.0	2.0	6.8				0.8	16.55				
STANDARD APPLICATION Standardanwendung	SINGLE WIRE SEAL/ Einzeldichtung	214 1861-3	A	0.13-	0.95-	-	0.13	CuSn4	CuNiSi	△8	△7	1		1.5		1.4	-	2.0	1.9	1.1	2.5	1.7	5.4				0	15	SEE APPLICATION SPEC.: 114-18464 siehe Verarbeitungsspez. 114-18464			
		214 1861-2	A	0.22		-	0.17				△6			2	1.8	1.8	0.8	2.6	2.6	1.4	2.6	2.0	5.7				0.2	15				
		214 1861-1	A	△9		1.2	-				0.22		△5		2	1.8	1.8	0.8	2.6	2.6	1.4	2.6	2.0				5.7	0.2				15
		7-1452653-3	A	0.25-	1.1-	-	0.25				△7	2	1.8	1.8		0.8	2.6	2.6	1.4	2.6	2.0	5.7	0.2				15					
		7-1452653-2	A			0.35	1.75				-		0.35	△6		2	2.0	2.1	1.1	2.7	2.9	1.6	3.0				2.0	6.1				0.2
		7-1452653-1	A			0.75	1.9				-		0.75	△5	2.0		2.1	1.1	2.7	2.9	1.6	3.0	2.0				6.1	0.2				16
		7-1452656-3	A	0.5-	1.4-	20	0.5				△7	2	2.0	2.1	1.1	2.7	2.9	1.6	3.0	2.0	6.1	0.2	16									
		7-1452656-2	A			0.75	1.9				-		0.75	△6	2	2.0	2.1	1.1	2.7	2.9	1.6	3.0	2.0				6.1	0.2				16
		7-1452656-1	A			1-	1.9-				18		-	△7		2	2.6	2.9	1.35	3.7	3.9	2.1	3.0				2.0	6.1				0.2
		7-1452659-3	A	1-	1.9-	-	1				△6	2	2.6	2.9	1.35		3.7	3.9	2.1	3.0	2.0	6.1	0.2				16					
		7-1452659-2	A			1.5	2.4				16		-	△5	2		2.6	2.9	1.35	3.7	3.9	2.1	3.0				2.0	6.1				0.2
		7-1452659-1	A			-	1.5				△7		2	2.6		2.9	1.35	3.7	3.9	2.1	3.0	2.0	6.1				0.2	16				

SEE APPLICATION SPEC. 114-18464  
siehe Verarbeitungsspez. 114-18464

## 7- VARIANTS FOR NEW APPLICATIONS

## NOTES


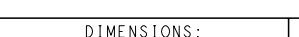
### Bemerkungen

- 4 ONLY FOR FLR-WIRE SEE DIN 72551, PART 6  
AND AWG WIRE ACCORDING DC-SPEC:  
MS-8288 ; MS-7889 ; MS-9532  
Nur fuer FLR-Leitung nach DIN 72551, Teil 6  
und AWG Leitung nach DC-SPEC:  
MS-8288 ; MS-7889 ; MS-9532
- 5 PRE TIN SnAg 1.0 TO 3.0 µm  
Vorverzinkt SnAg 1.0 bis 3.0 µm
- 6 SPRING GOLD PLATED MIN. 0.8 µm (only contact area)  
Kontaktfeder galv. vergoldet min.0.8 µm (nur Kontaktzone)
- 7 SPRING SILVER PLATED 2.0 TO 5.0 µm (only contact area)  
Kontaktfeder galv. versilbert 2.0 bis 5.0 µm (nur Kontaktzone)
- 8 BODY PRE TIN Sn 1.0 TO 3.0 µm  
Kontaktkoerper vorverzinkt Sn 1.0 bis 3.0 µm
- 9 REINFORCED WIRE ACCORDING TO LV 112-4  
Zugverstaerkte Leitung nach LV 112-4

[illegible]

SEE APPLICATION SPEC. 114-18464  
siehe Verarbeitungsspez. 114-18464

## 0- VARIANTS SUPERSEDED BY 7- VARIANTS (SEE TABLE ON TOP)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG E. Horn 11NOV2011 CHK R. Meier 11NOV2011 APP'D V. Seigel 11NOV2011		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: D-PLC ±0.2 1-PLC ±0.2 2-PLC ±0.2 3-PLC ±0.2 4-PLC ±0.2 ANGLES ±1° FINISH		NAME MC0N 1.2 LL (LOCKING-LANCE)	
		PRODUCT SPEC 108-18782 APPLICATION SPEC 116-18646 WEIGHT -		SIZE CASE CODE DRAWING NO A1 00779 C-1452674 RESTRICTED TO -	
MATERIAL -		Customer Drawing		SCALE - SHEET 2 of 2 REV C	

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[7-1452653-1 \(Mouser Reel\)](#) [7-1452653-1 \(Cut Strip\)](#)