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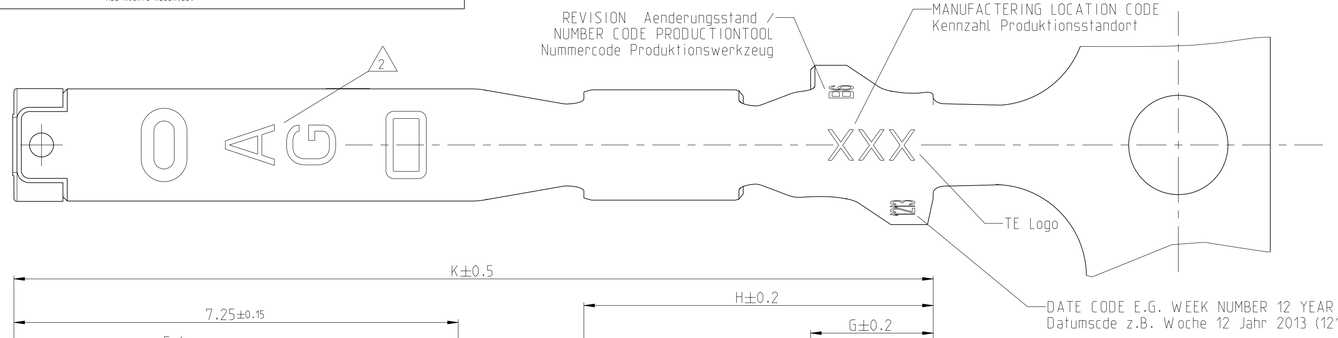
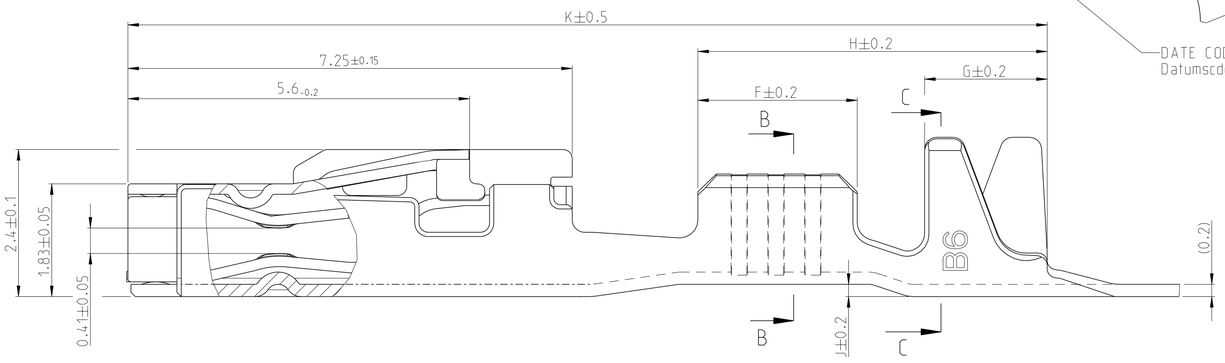
Project No.	LOC	DIST
PRJ-11-0000001417	A1	-

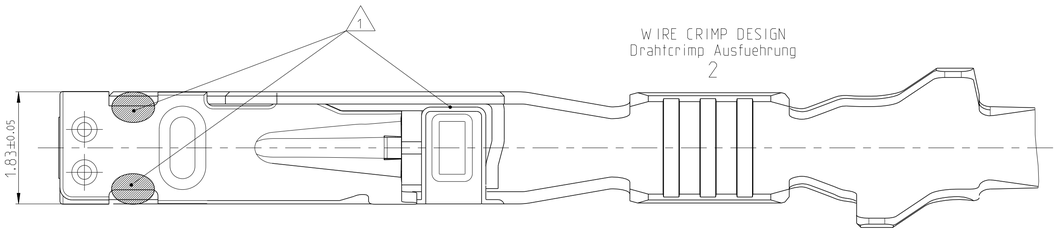
REVISIONS

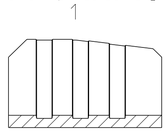
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C4	PN 2141861 and 21419720 active ECR-14-001724	06FEB2014	Abr	Raab
	C5	ECR-14-008680 CANCELED	12JUN2014	Abr	Raab
	C6	Name Changed to MCON 1.2 LL ECR-14-012725	25AUG2014	Abr	Raab
	C7	See PCN E-17-018644	21DEC2017	FRAN	KURF

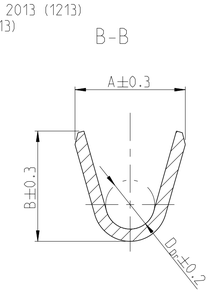


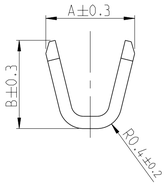
STANDARD APPLICATION
Standard Anwendung

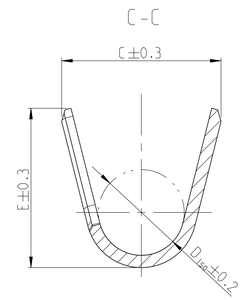


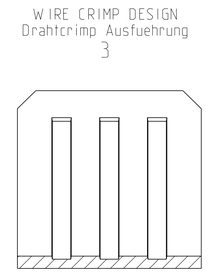


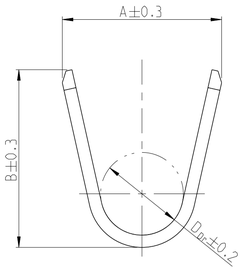


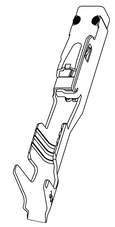




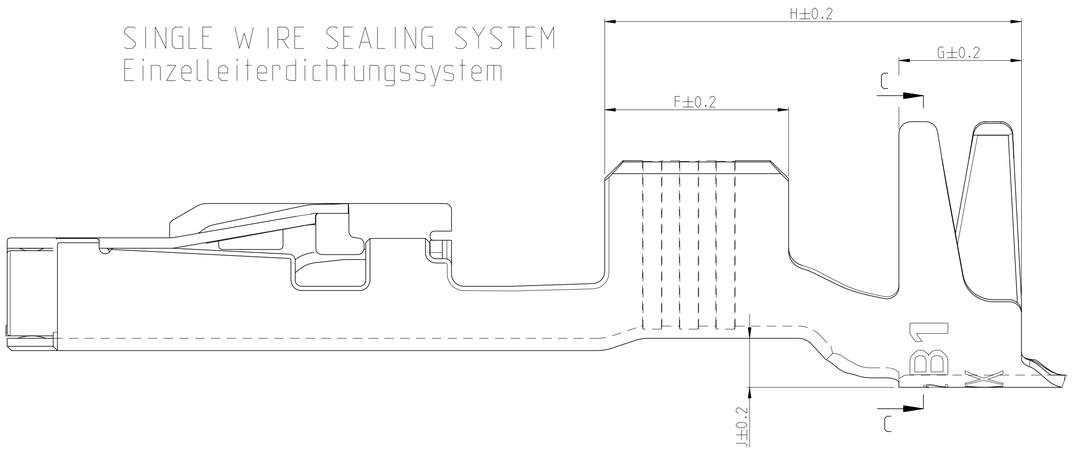


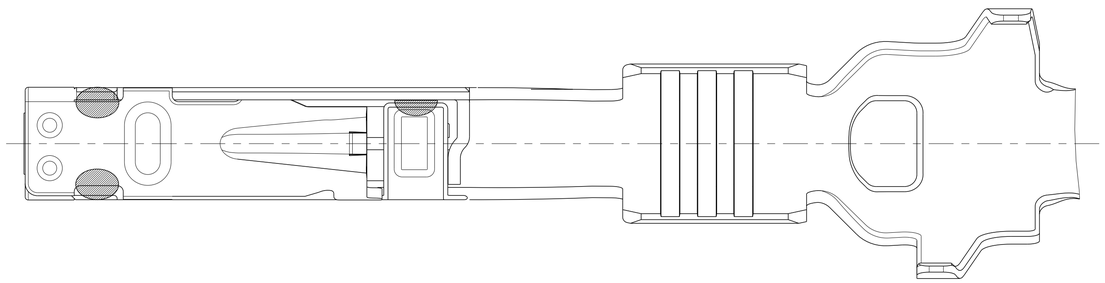


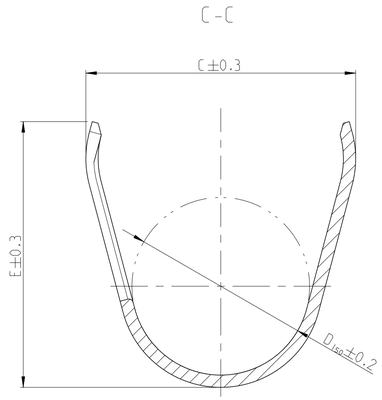



5:1

SINGLE WIRE SEALING SYSTEM
Einzelleiterdichtungssystem







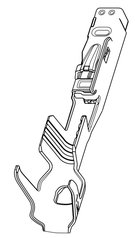
NOTES
Bemerkungen

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
- verzinnt: 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


5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± ±0.2
3 PLC ±
4 PLC ±
ANGLES ±1°

MATERIAL -

FINISH -

DWN	E. Horn	11NOV2011
CHK	R. Meier	11NOV2011
APVD	V. Seipel	11NOV2011
PRODUCT SPEC	108-18782	
APPLICATION SPEC	114-18464	
WEIGHT	0.18 g	

TE Connectivity

NAME MCON 1.2 LL (LOCKING-LANCE)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1452674	-

Customer Drawing | SCALE 20:1 | SHEET 1 OF 2 | REV C7

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LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

C7

VERSION / Ausfuehrung	ORDER-NO. STRIP FORM Bestell-Nr. Bandware	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø [mm]	AWG	mm²	BODY Kontakt-koerper	SPRING Kontakt-feder	BODY Kontakt-koerper	SPRING Kontakt-feder	DESIGN WIRE-CRIMP Ausführung Draht-Crimp	A	B	D_{Dr}	C	E	D_{ISO}	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
			WIRE-SIZE RANGE INSULATION DIAMETER Leitergerschnitt Isolationsdurchmesser				MATERIAL Werkstoff		SURFACE Oberflaeche			WIRE CRIMP Drahtcrimp			INSULATION CRIMP Isolationscrimp			STRIP FORM/Bandware							
SINGLE WIRE SEAL/ Einzeldichtung	2141970-3	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		
	2141970-2	A	0.22	1.2	-	0.17				6															
	2141970-1	A	9		-	0.22				5															
	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	0.35	1.75	24	-				6															
	7-1452665-1	A			-	0.35				5															
	7-1452668-3	A	0.5-	1.4-	22	-				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	20	0.5				6															
	7-1452668-1	A			-	0.75				5															
	7-1452671-3	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			
	7-1452671-2	A	1.5	2.4	-	1				6															
	7-1452671-1	A			16	-				5															
					-	1.5																			
STANDARD APPLICATION Standardanwendung	2141861-3	A	0.13-	0.95-	-	0.13				7	1	1.5	1.4	-	2.0	1.9	1.1	2.5	1.7	5.4	0	15			
	2141861-2	A	0.22	1.2	-	0.17				6															
	2141861-1	A	9		-	0.22				5															
	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	24	-				6															
	7-1452653-1	A			-	0.35				5															
	7-1452656-3	A	0.5-	1.4-	22	-				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	20	0.5				6															
	7-1452656-1	A			-	0.75				5															
	7-1452659-3	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	16			
	7-1452659-2	A	1.5	2.4	-	1				6															
	7-1452659-1	A			16	-				5															
					-	1.5																			

7- VARIANTS FOR **NEW** APPLICATIONS C7

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 3.0µm
Vorverzinnt SnAg 1.0 bis 3.0µm

6 SPRING GOLD PLATED MIN. 0.8µm (only contact area)
Kontaktfeder galv. vergoldet min.0.8µm (nur Kontaktzone)

7 SPRING SILVER PLATED 2.0 TO 5.0µm (only contact area)
Kontaktfeder galv. versilbert 2.0 bis 5.0µm (nur Kontaktzone)

8 BODY PRE TIN Sn 1.0 TO 3.0µm
Kontaktkoerper vorverzinnt Sn 1.0 bis 3.0µm

9 REINFORCED WIRE ACCORDING TO LV 112-4
Zugverstaerkte Leitung nach LV 112-4

VERSION / Ausfuehrung	ORDER-NO. STRIP FORM Bestell-Nr. Bandware	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø [mm]	AWG	mm²	BODY Kontakt-koerper	SPRING Kontakt-feder	BODY Kontakt-koerper	SPRING Kontakt-feder	DESIGN WIRE-CRIMP Ausführung Draht-Crimp	A	B	D_{Dr}	C	E	D_{ISO}	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
			WIRE-SIZE RANGE INSULATION DIAMETER Leitergerschnitt Isolationsdurchmesser				MATERIAL Werkstoff		SURFACE Oberflaeche			WIRE CRIMP Drahtcrimp			INSULATION CRIMP Isolationscrimp			STRIP FORM/Bandware							
SINGLE WIRE SEAL/ Einzeldichtung	0-1452665-3	B	0.25-	1.1-	-	0.25	CuSn0.15/0.2	CuNiSi	5	7	2	1.8	1.8	0.8	4.2	4.3	2.6	2.6	2.0	6.4	0.8	16	SEE APPLICATION SPEC. 114-18464 siehe Verarbeitungsspez. 114-18464		
	0-1452665-2	B	0.35	1.75	24	-				6															
	0-1452665-1	B			-	0.35				5															
	0-1452668-3	C	0.5-	1.4-	22	-				7	2	2.0	2.1	1.1	4.2	4.3	2.7	2.6	2.0	6.4	0.8	16			
	0-1452668-2	C	0.75	1.9	20	0.5				6															
	0-1452668-1	C			-	0.75				5															
	0-1452671-3	B	1-	1.9-	18	-				7	3	2.6	2.9	1.35	4.4	4.3	2.9	3.0	2.0	6.8	0.8	16.55			
	0-1452671-2	B	1.5	2.4	-	1				6															
	0-1452671-1	B			16	-				5															
					-	1.5																			
STANDARD APPLICATION Standardanwendung	0-1452653-3	B	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			
	0-1452653-2	B	0.35	1.75	24	-				6															
	0-1452653-1	B			-	0.35				5															
	0-1452656-3	C	0.5-	1.4-	22	-				7	2	2.0	2.1	1.1	2.7	2.9	1.6	3.0	2.0	6.1	0.2	16			
	0-1452656-2	C	0.75	1.9	20	0.5				6															
	0-1452656-1	C			-	0.75				5															
	0-1452659-3	B	1-	1.9-	18	-				7	3	2.6	2.9	1.35	3.7	3.9	2.1	3.0	2.0	6.1	0.2	16			
	0-1452659-2	B	1.5	2.4	-	1				6															
	0-1452659-1	B			16	-				5															
					-	1.5																			

0- VARIANTS SUPERSEDED BY 7- VARIANTS (SEE TABLE ON TOP) C7

VERSION / Ausfuehrung	ORDER-NO. STRIP FORM Bestell-Nr. Bandware	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø [mm]	AWG	mm²	BODY Kontakt-koerper	SPRING Kontakt-feder	BODY Kontakt-koerper	SPRING Kontakt-feder	DESIGN WIRE-CRIMP Ausführung Draht-Crimp	A	B	D_{Dr}	C	E	D_{ISO}	F	G	H	J	K	Ø3.55 [mm]	Ø3.95 [mm]	BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge
			WIRE-SIZE RANGE 4 INSULATION DIAMETER Leitergerschnitt Isolationsdurchmesser				MATERIAL Werkstoff		SURFACE Oberflaeche			WIRE CRIMP Drahtcrimp			INSULATION CRIMP Isolationscrimp			STRIP FORM/Bandware					SINGLE WIRE SEAL FOR CAVITY DIAMETER Einzeldichtung fuer Kammerdurchmesser TE NO.			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. Horn 11NOV2011	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±, 2 PLC ±, 3 PLC ±, 4 PLC ±0.2, ANGLES ±5°	CHK R. Meier 11NOV2011	
		APVD V. Seipel 11NOV2011	NAME MCON 1.2 LL (LOCKING-LANCE)
		PRODUCT SPEC 108-18782	
		APPLICATION SPEC 114-18464	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-1452674 · RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
Customer Drawing		SCALE -	SHEET 2 OF 2 · REV C7