

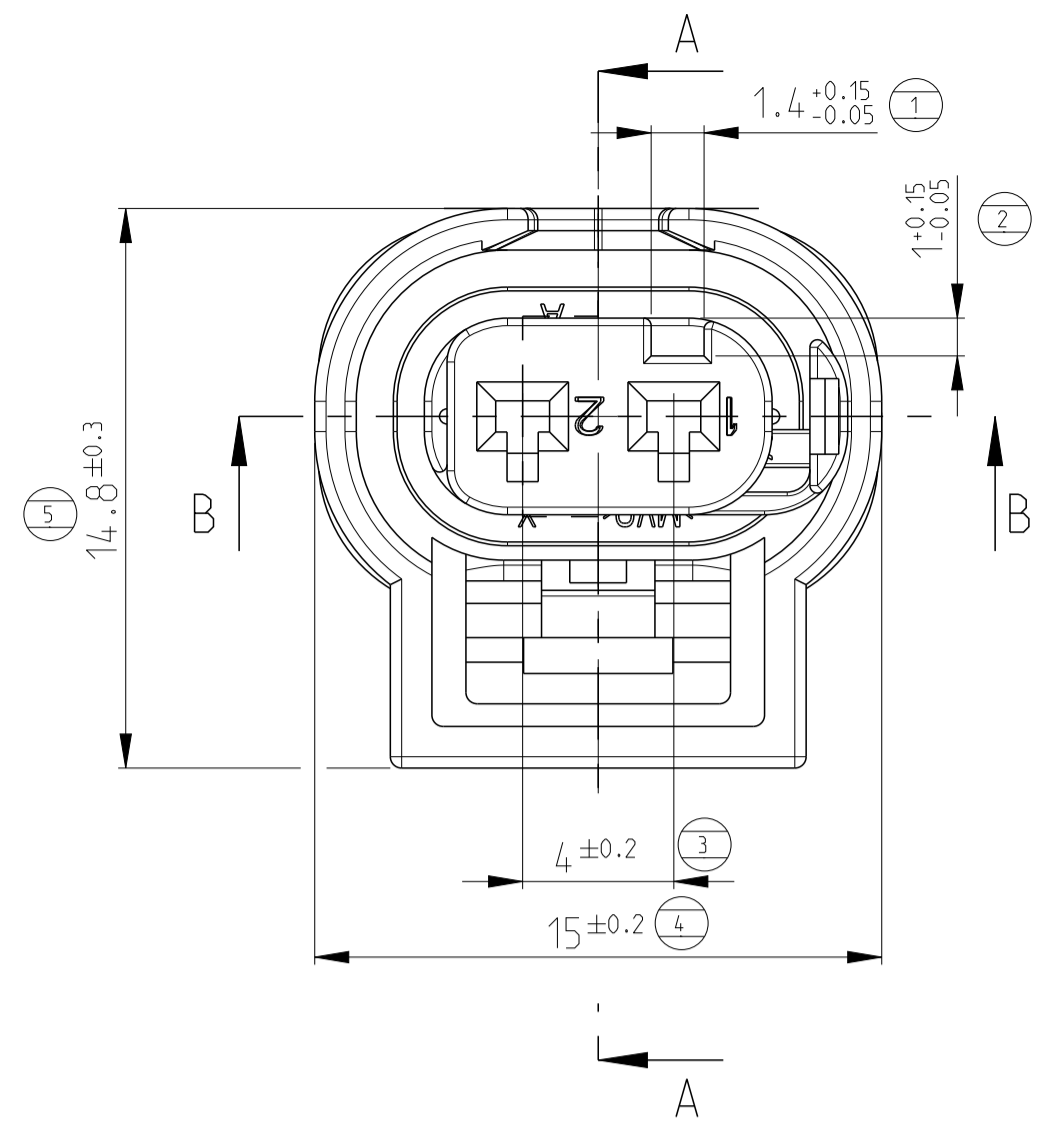
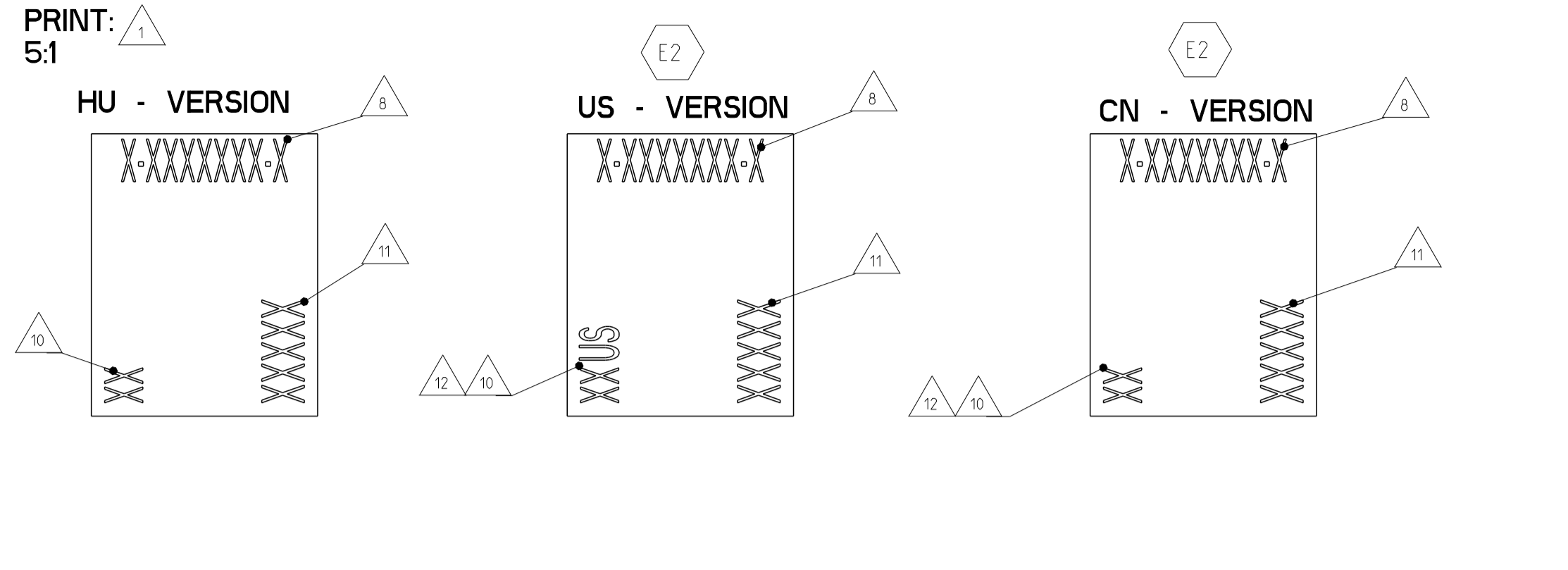
M 1-1670915-1K



MINIKIT

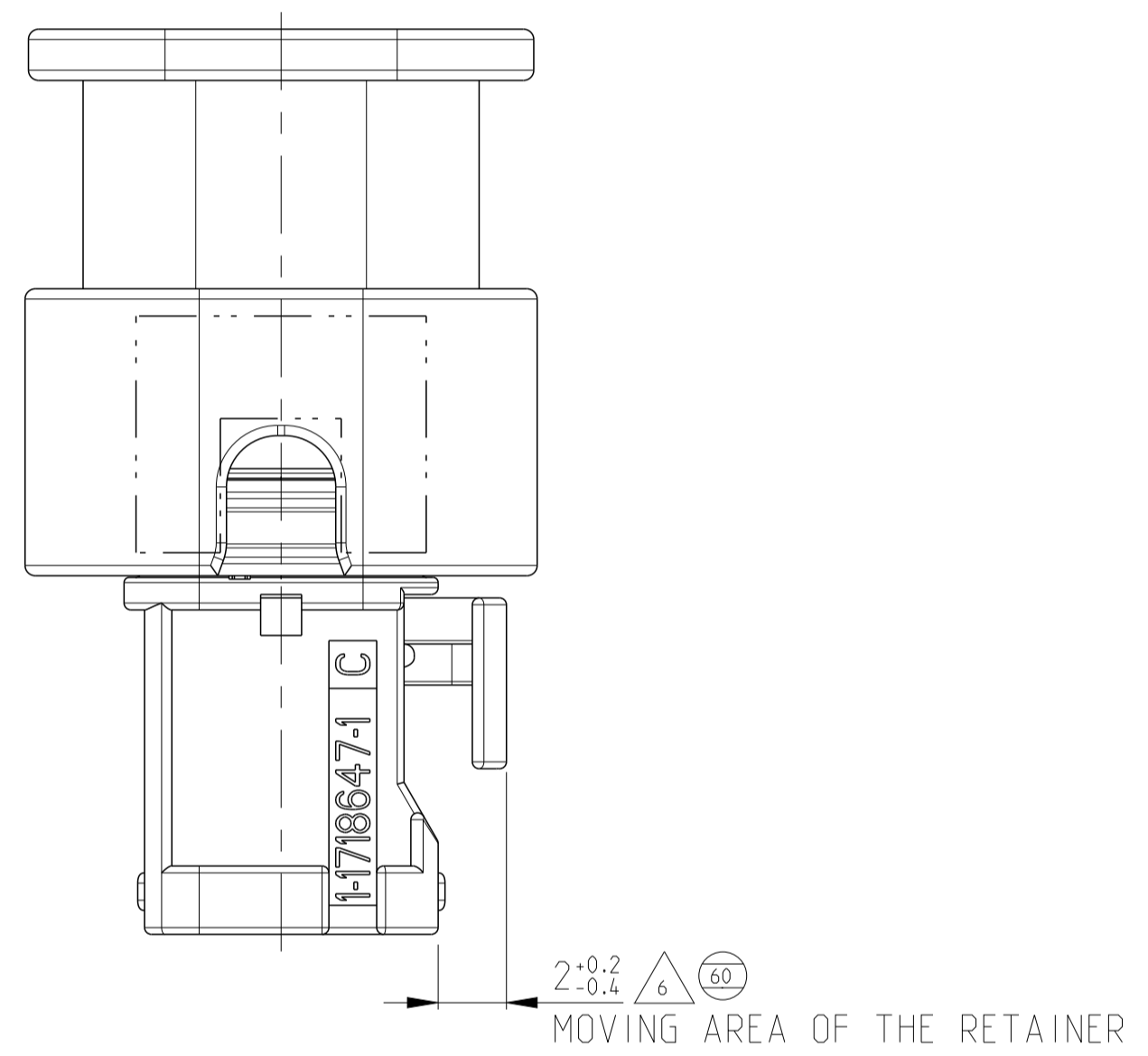
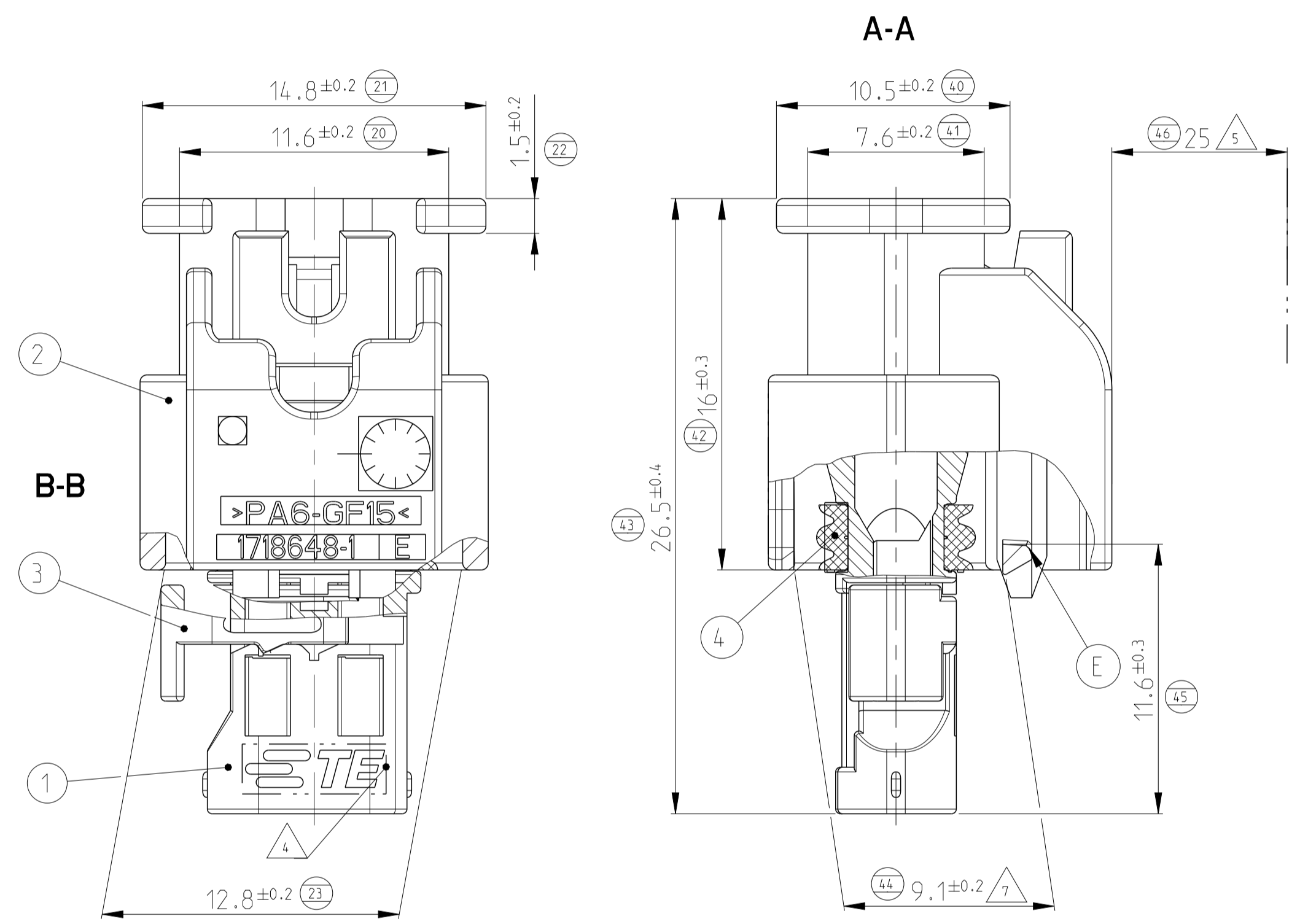
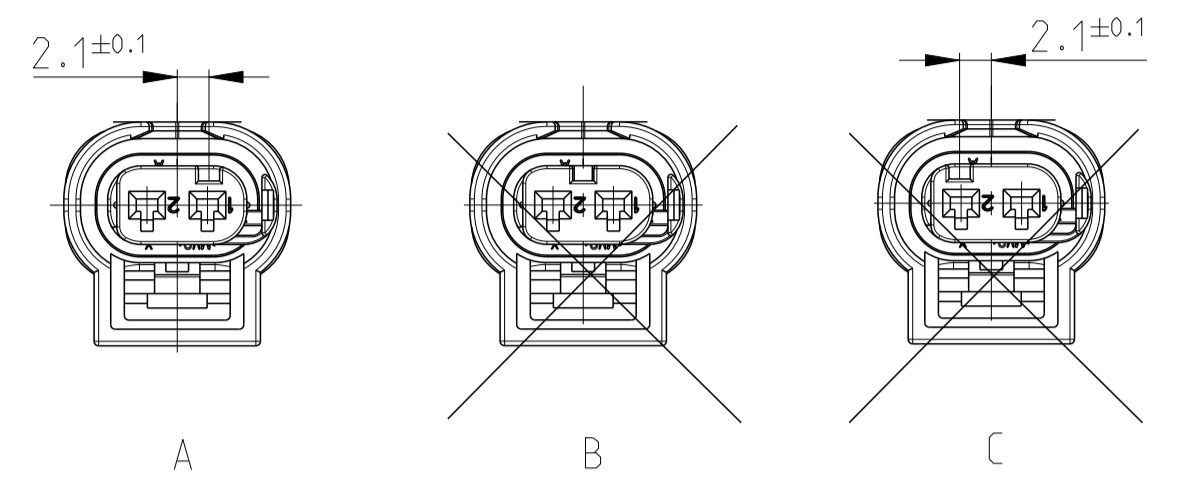
Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti

Revisione	Prodotto
REV.00 15/04/2026	OEM



REVISIONS				
P.	LTA	DESCRIPTION	DATE	OWN APVD
E		Inner Hsg. chamfer removed	03SEP2010	CLA ASC
E1		ECR-12017745	17OCT2012	SZN SZG
E2		LASER PRINT UPDATED	10DEC2019	SZN LSZ

CODINGS
M 2:1



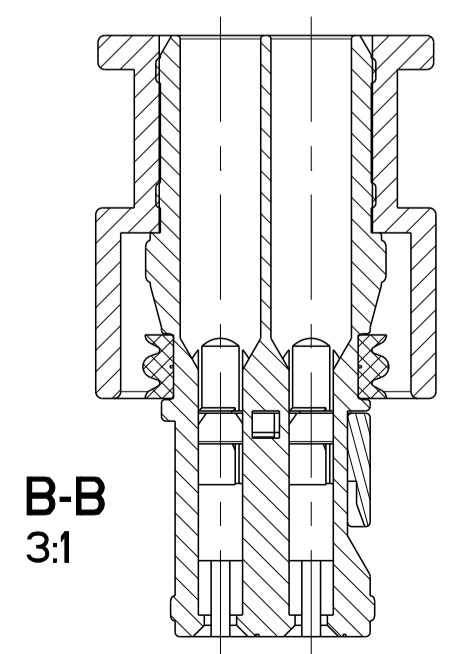
NOTES:

- 1 AREA FOR PRINT
- 2 USABLE CONTACTS MCON 1.2
SEE TE-NO. 1452674, SINGLE WIRE SYSTEM
- 3 MAX. WIRE SIZE RANGE 1.0 mm² FLR PERMITTED
FOR CAVITY-Ø 3.55MM
QUANTITY SEE WIRE HARNESS DRAWING
FOR PERMISSIBLE CURRENT CARRYING CAPACITY OF THE SINGLE CONTACT
SEE PRODUCT SPECIFICATION NO.108-18782
- 4 SUPPLIER-MARK
- 5 SPACE OF ACTIVITY
- 6 SUPPLY CONDITION: RETAINER IN PRELOCKED POSITION
- 7 WARPAGE PERMITTED TO MAX. -0.5mm
- 8 TE ORDER-NO.
- 9 ACCORDING TO INTERFACE DRAWING
SEE TE-NO. 114-18679-3
- 10 ASSEMBLY LINE SEGMENT IDENTIFICATION
- 11 DATE CODE (DDYY)
- 12 DIVERGENT MARKING FOR PARTS FROM DIFFERENT LOCATIONS (BR, CN, U.S...)

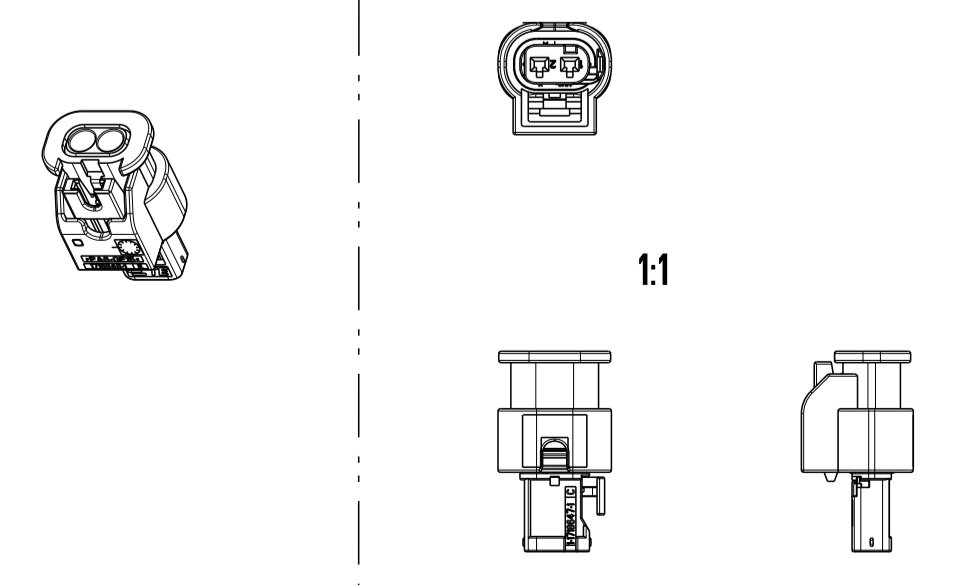
CODING A AS SHOWN

TE-ORDER-NO.	COD	DESCRIPTION	REV	QTY	DESCRIPTION	MATERIAL	SURFACE/COLOUR	ITEM
3-1670915-1	C	2pos. MCON 1.2 - LL Connector. Sealed	A	1	2pos. MCON 1.2 - Seal	MVQ-30	NATURE	4
				1	2pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT	3
				1	2pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK	2
				1	2pos. MCON 1.2 - Recepticle Hsg.	PA66-GF30	BLUE	1
2-1670915-1	B	2pos. MCON 1.2 - LL Connector. Sealed	A	1	2pos. MCON 1.2 - Seal	MVQ-30	NATURE	4
				1	2pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT	3
				1	2pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK	2
				1	2pos. MCON 1.2 - Recepticle Hsg.	PA66-GF30	NATURE	1
1-1670915-1	A	2pos. MCON 1.2 - LL Connector. Sealed	E	1	2pos. MCON 1.2 - Seal	MVQ-30	NATURE	4
				1	2pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT	3
				1	2pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK	2
				1	2pos. MCON 1.2 - Recepticle Hsg.	PA66-GF30	BLACK	1

RETAINER IN END POSITION



3D VIEW
1:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. Bachmann	19DEC2006	PRELIMINARY
DIMENSIONS: mm		CHK: A. Schönbel	26SEP2008	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: J. Woller	26SEP2008	
MATERIAL: -		FINISH: -	WEIGHT: 2.4 g	
CUSTOMER DRAWING		SIZE: A	CAGE CODE: 00779	DRAWING NO: 1670915
SCALE: 15:1		SHEET 1 OF 1		REV: E2

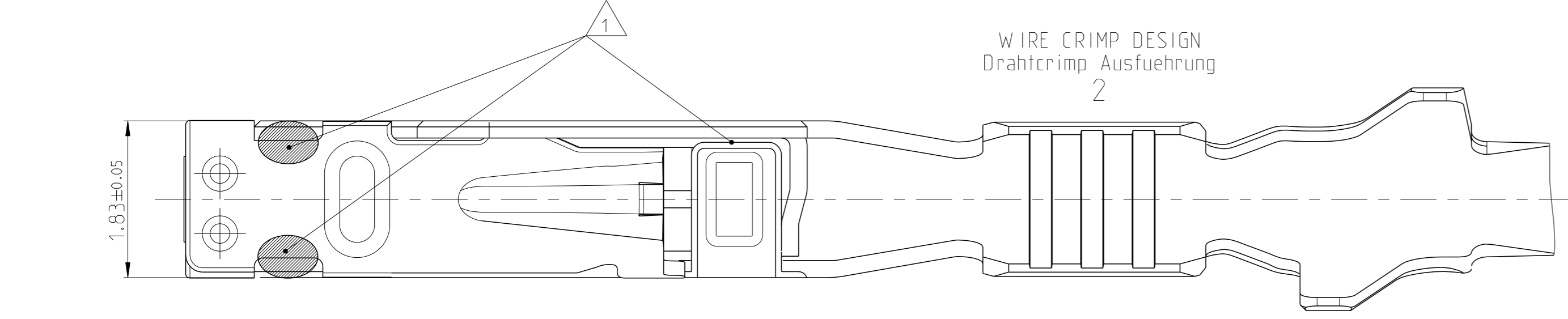
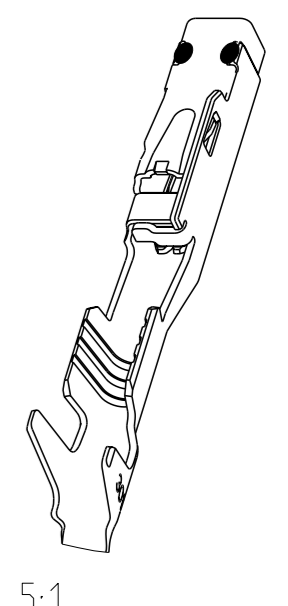
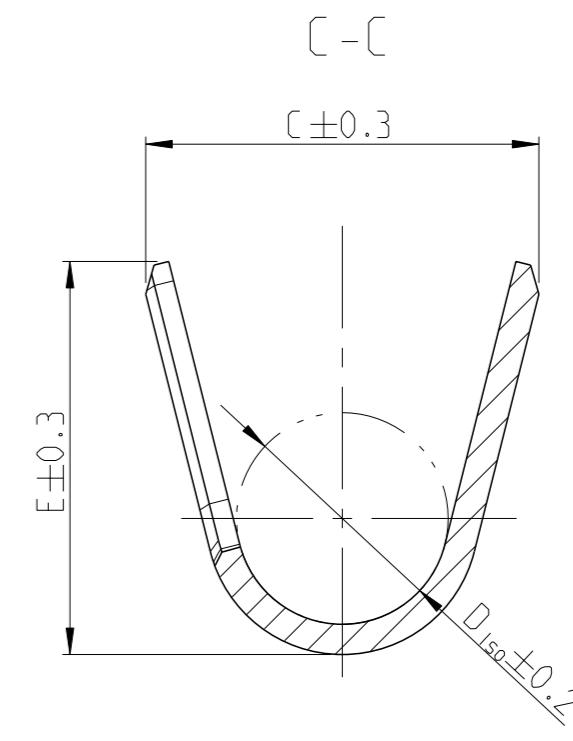
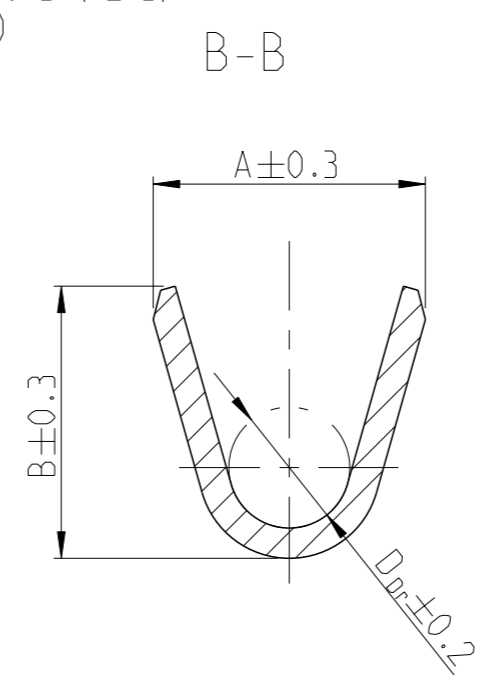
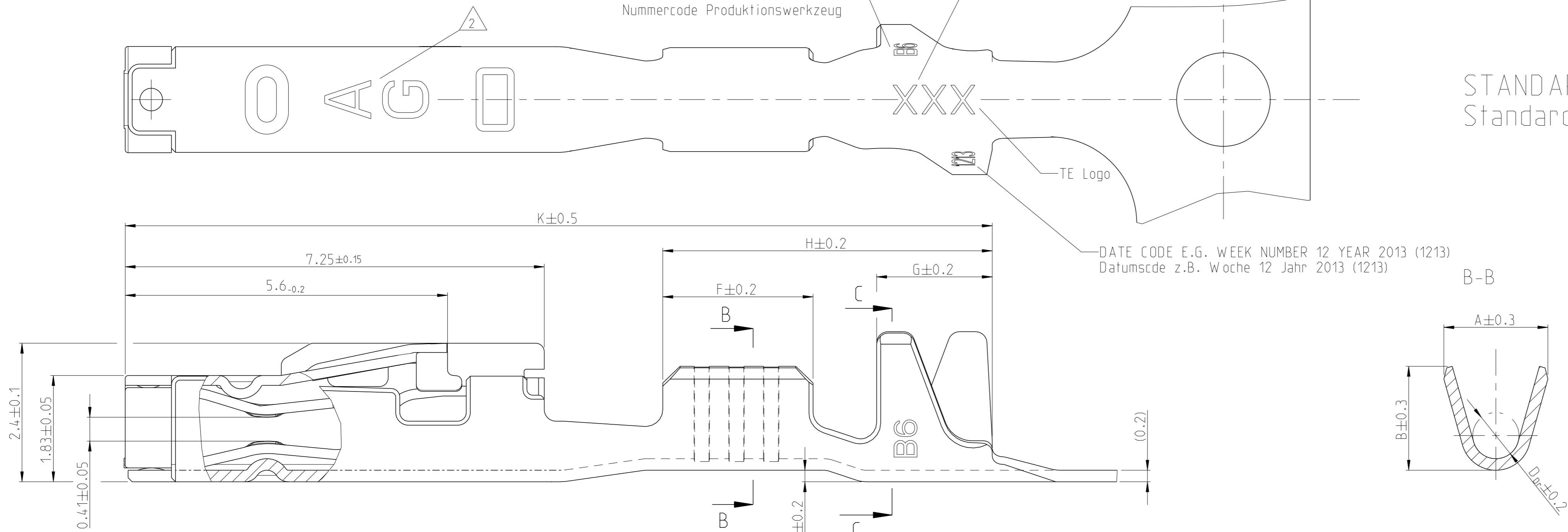
Project No. PRJ-11-000001417	Loc A1	DIST -	REVISIONS			
			#	DATE	OWN	APVD
			C4	06FEB2014	Abr	Raab
			C5	12JUN2014	Abr	Raab
			C6	25AUG2014	Abr	Raab
			C7	21DEC2017	FRAN	KURF

REVISION Aenderungsstand /
NUMBER CODE PRODUCTION TOOL
Nummercode Produktionswerkzeug

MANUFACTURING LOCATION CODE
Kennzahl Produktionsstandort

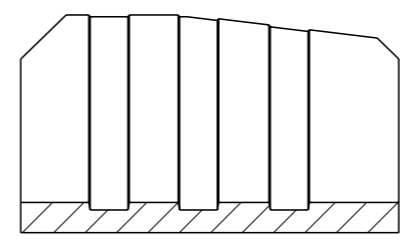
DATE CODE E.G. WEEK NUMBER 12 YEAR 2013 (1213)
Datumscode z.B. Woche 12 Jahr 2013 (1213)

STANDARD APPLICATION
Standard Anwendung

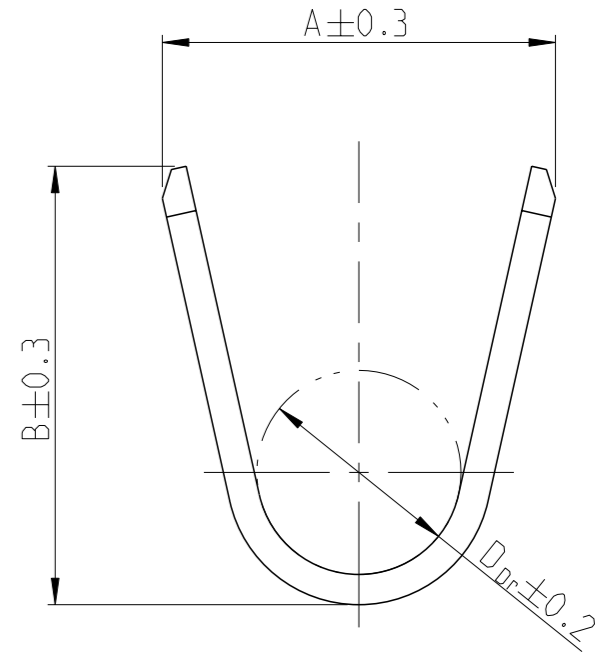
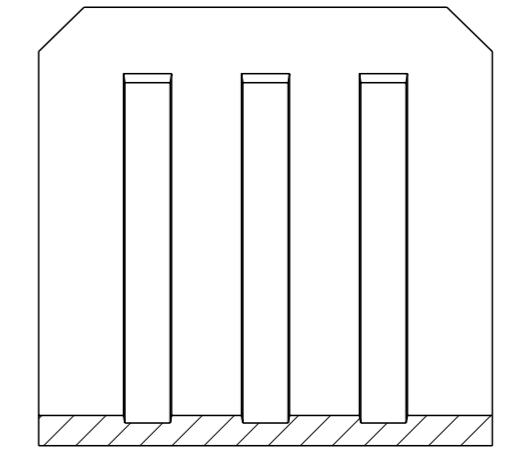


WIRE CRIMP DESIGN
Drahtcrimp Ausfuehrung
2

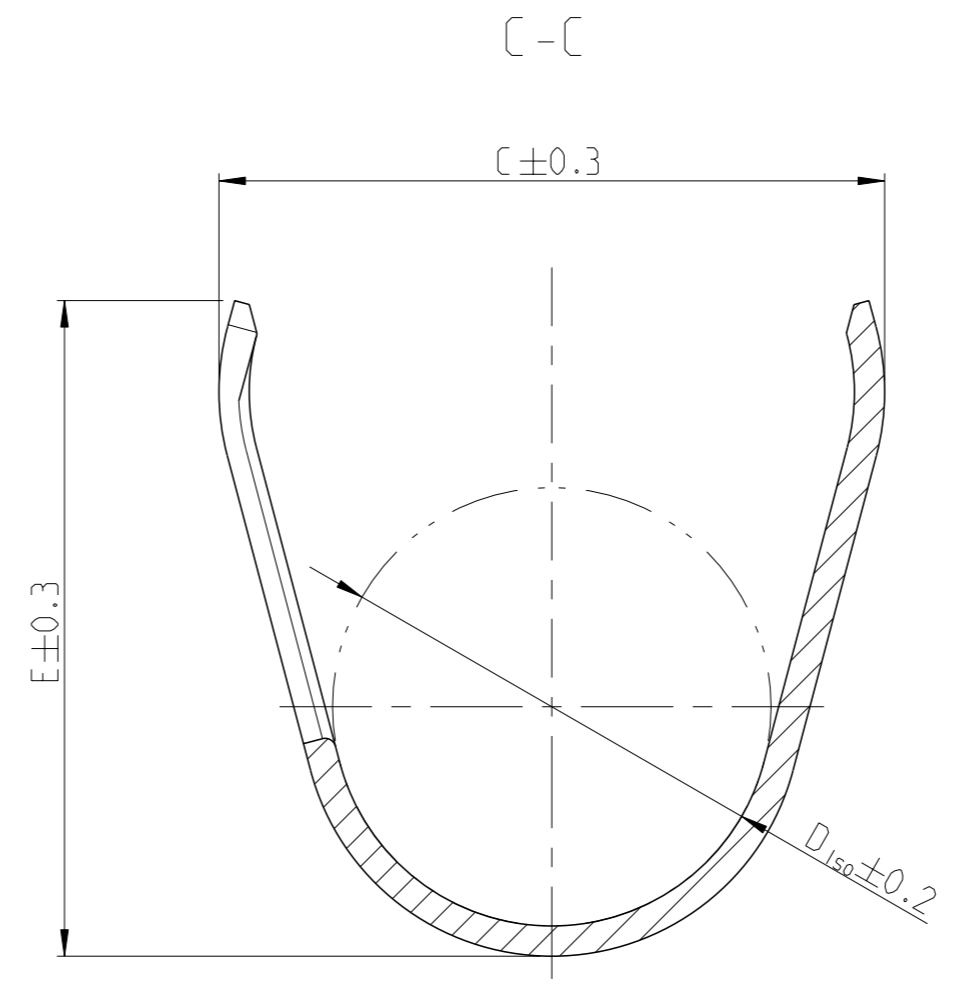
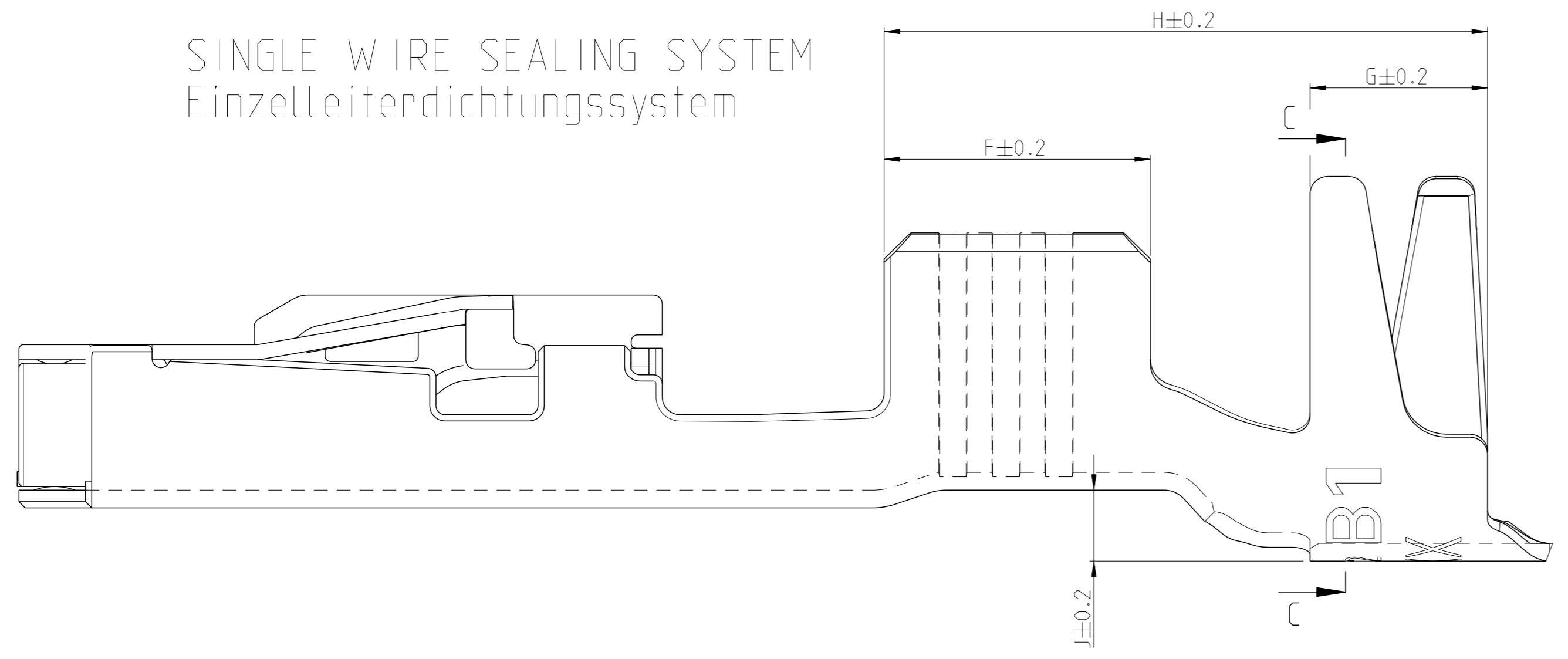
WIRE CRIMP DESIGN
Drahtcrimp Ausfuehrung
1



WIRE CRIMP DESIGN
Drahtcrimp Ausfuehrung
3



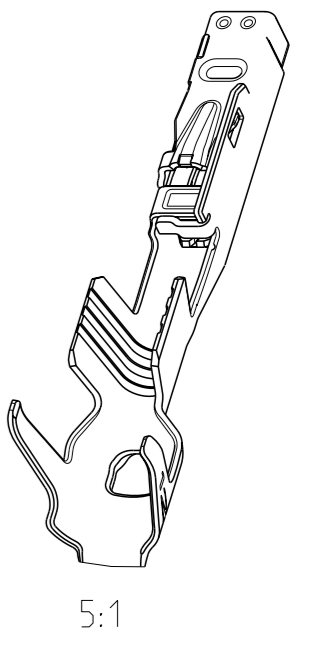
SINGLE WIRE SEALING SYSTEM
Einzelleiterdichtungssystem



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.		OWN E. Horn	11NOV2011	STE TE Connectivity
DIMENSIONS: mm		CHK R. Meier	11NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2		APVD V. Seigel	11NOV2011	NAME MCON 1.2 LL (LOCKING-LANCE)
MATERIAL		PRODUCT SPEC 108-18782		SIZE 114-18464
FINISH		APPLICATION SPEC		RESTRICTED TO
ANGLES		WEIGHT 0.18 g		Customer Drawing
SCALE 20:1		SHEET 1 of 2		REV 7

LOC	DIST	REVISIONS			
A1	-	REV	DATE	OWN	APVD
		1	SEE SHEET 1	-	-

VERSION / Ausführung	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø (mm)	AWG	mm ²	BODY Kontakt-körper	SPRING Kontakt-feder	BODY Kontakt-körper	SPRING Kontakt-feder	DESIGN WIRE-CRIMP Ausführung Draht-Crimp	SINGLE WIRE SEAL FOR CAVITY DIAMETER											BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge	
											A	B	D _{Dr}	C	E	D _{ISO}	F	G	H	J	K			
STANDARD APPLICATION Standardanwendung	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	0.95-	-	0.17				6														
	2141970-1	A	9	1.2	-	0.22				5														
	7-1452665-3	A	0.25-	1.1-	-	0.25				7														
	7-1452665-2	A	24	-	-	0.35				6														
	7-1452665-1	A	0.35	1.75	22	-				5														
	7-1452668-3	A	0.5-	1.4-	20	0.5				7														
	7-1452668-2	A	0.75	1.9	-	0.75				6														
	7-1452668-1	A	18	-	-	-				5														
	7-1452671-3	A	1-	1.9-	-	1				7														
	7-1452671-2	A	1.5	2.4	16	-				6														
	7-1452671-1	A	-	-	-	1.5				5														
STANDARD APPLICATION Standardanwendung	2141861-3	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		
	2141861-2	A	0.22	0.95-	-	0.17				6														
	2141861-1	A	9	1.2	-	0.22				5														
	7-1452653-3	A	0.25-	1.1-	-	0.25				7														
	7-1452653-2	A	24	-	-	0.35				6														
	7-1452653-1	A	0.35	1.75	22	-				5														
	7-1452656-3	A	0.5-	1.4-	20	0.5				7														
	7-1452656-2	A	0.75	1.9	-	0.75				6														
	7-1452656-1	A	18	-	-	-				5														
	7-1452659-3	A	1-	1.9-	-	1				7														
	7-1452659-2	A	1.5	2.4	16	-				6														
	7-1452659-1	A	-	-	-	1.5				5														

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 3.0µm
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 / Ausführung	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø (mm)	AWG	mm ²	BODY Kontakt-körper	SPRING Kontakt-feder	BODY Kontakt-körper	SPRING Kontakt-feder	DESIGN WIRE-CRIMP Ausführung Draht-Crimp	SINGLE WIRE SEAL FOR CAVITY DIAMETER											BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge	
											A	B	D _{Dr}	C	E	D _{ISO}	F	G	H	J	K			
STANDARD APPLICATION Standardanwendung	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	-	0.35				6														
	0-1452665-1	B	22	-	-	-				5														
	0-1452668-3	C	0.5-	1.4-	20	0.5				7														
	0-1452668-2	C	0.75	1.9	-	0.75				6														
	0-1452668-1	C	18	-	-	-				5														
	0-1452671-3	B	1-	1.9-	-	1				7														
	0-1452671-2	B	1.5	2.4	16	-				6														
	0-1452671-1	B	-	-	-	1.5				5														
	0-1452653-3	B	0.25-	1.1-	-	0.25				7														
	0-1452653-2	B	0.35	1.75	-	0.35				6														
	0-1452653-1	B	22	-	-	-				5														
0-1452656-3	C	0.5-	1.4-	20	0.5	7																		
0-1452656-2	C	0.75	1.9	-	0.75	6																		
0-1452656-1	C	18	-	-	-	5																		
0-1452659-3	B	1-	1.9-	-	1	7																		
0-1452659-2	B	1.5	2.4	16	-	6																		
0-1452659-1	B	-	-	-	1.5	5																		

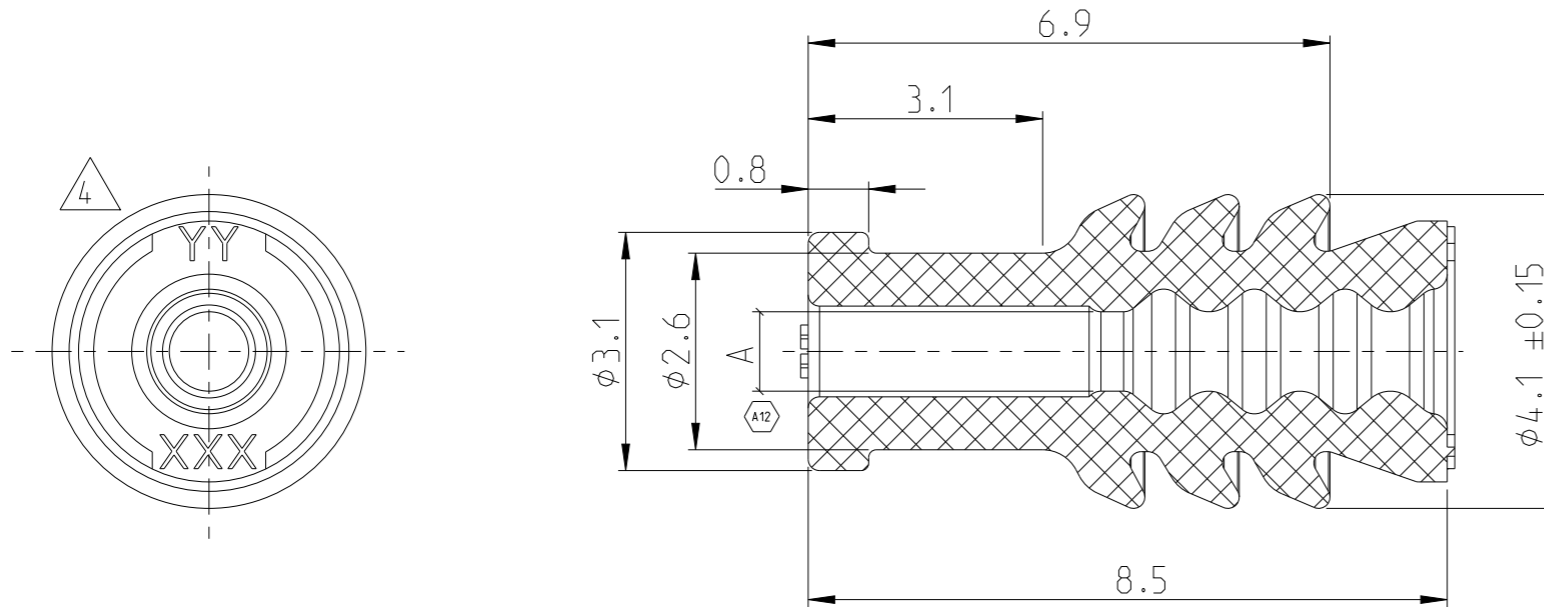
0- VARIANTS SUPERSEDED BY 7- VARIANTS (SEE TABLE ON TOP)

THIS DRAWING IS A CONTROLLED DOCUMENT.

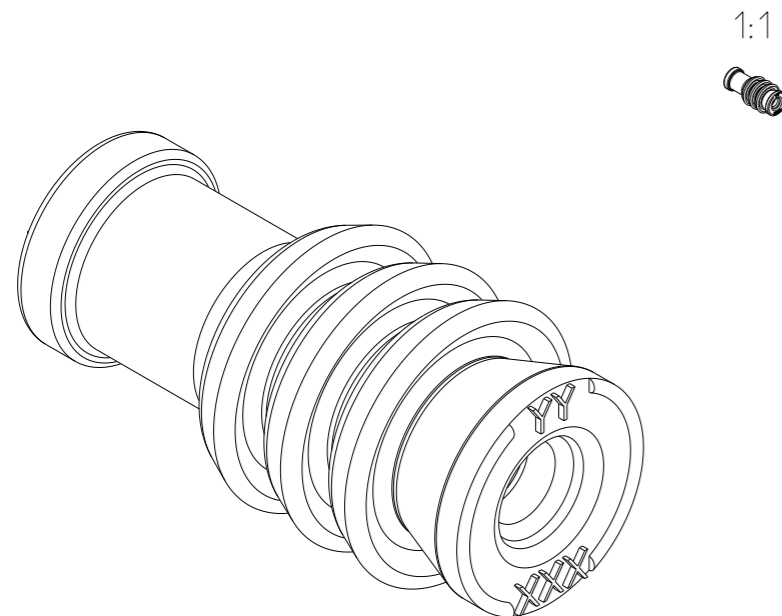
OWN: E. Horn	11NOV2011		TE Connectivity
CHK: R. Meier	11NOV2011		
APVD: V. Seigel	11NOV2011	NAME	MCON 1.2 LL (LOCKING-LANCE)
PRODUCT SPEC	108-18782	SIZE	CAGE CODE DRAWING NO
APPLICATION SPEC	114-18464	WEIGHT	RESTRICTED TO
FINISH	Customer Drawing	SCALE	SHEET 2 OF 2

Customer Drawing

P	LTR	DESCRIPTION	DATE	DWN	APVD
A9		NEW DASH # 1-967067-1, TEMPERED	09JAN2012	MAH.	ABE.
A10		NEW PRO-E DRAWING	02FEB2012	MAH.	ABE.
A11		NEW CREO DRAWING	27APR2023	BV	GB
A12		DRAWING CORRECTION	09DEC2024	BV	GB



- 1 Suitable for Socket Contact for Single Wire Seal. SEE: 929454, 929419, 1241611
- 2 Suitable for Pin Contact for Single Wire Seal. SEE: 929453
- 3 Siloxane is minimized through Tempering Process.
- 4 XXX YY : Cavity markings.



Same as 967067-2	Same as 967067-2	5-967067-2	A	Same as 967067-2	Same as 967067-2	VMQ 50	-
Same as 967067-1	Same as 967067-1	5-967067-1	A	Same as 967067-1	Same as 967067-1		-
φ1.4 - 2.1	φ1.0±0.15	1-967067-1	A	Green	-	967067-1	3
φ0.9 - 1.4	φ0.6±0.15	967067-2	A	Yellow	0.07	VMQ 50	-
φ1.4 - 2.1	φ1.0±0.15	967067-1	A	Green	0.06		-
ISO-DIA	DIM "A"	ORDER No.	REV	COLOUR	WEIGHT	MATERIAL	HEAT TREAT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S. GARCIA 29JUL1999

CHK R. JETTER 28JUL1999

APVD -

NAME Micro Quadlock System
SINGLE WIRE SEAL for cavity DIA 3.45mm



DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	M3 DIN7715
	0 PLC ±-
	1 PLC ±-
	2 PLC ±-
	3 PLC ±-
	4 PLC ±-
	ANGLES ±-
MATERIAL	FINISH
SEE TABLE	-
	-

PRODUCT SPEC

114-18025

APPLICATION SPEC

108-18403

WEIGHT

TABLE

CUSTOMER DRAWING

SIZE A3 CAGE CODE 00779 DRAWING NO. C=967067 RESTRICTED TO -

SCALE 10:1 SHEET 1 OF 1 REV A12