

# M 967402-K



**MINIKIT**

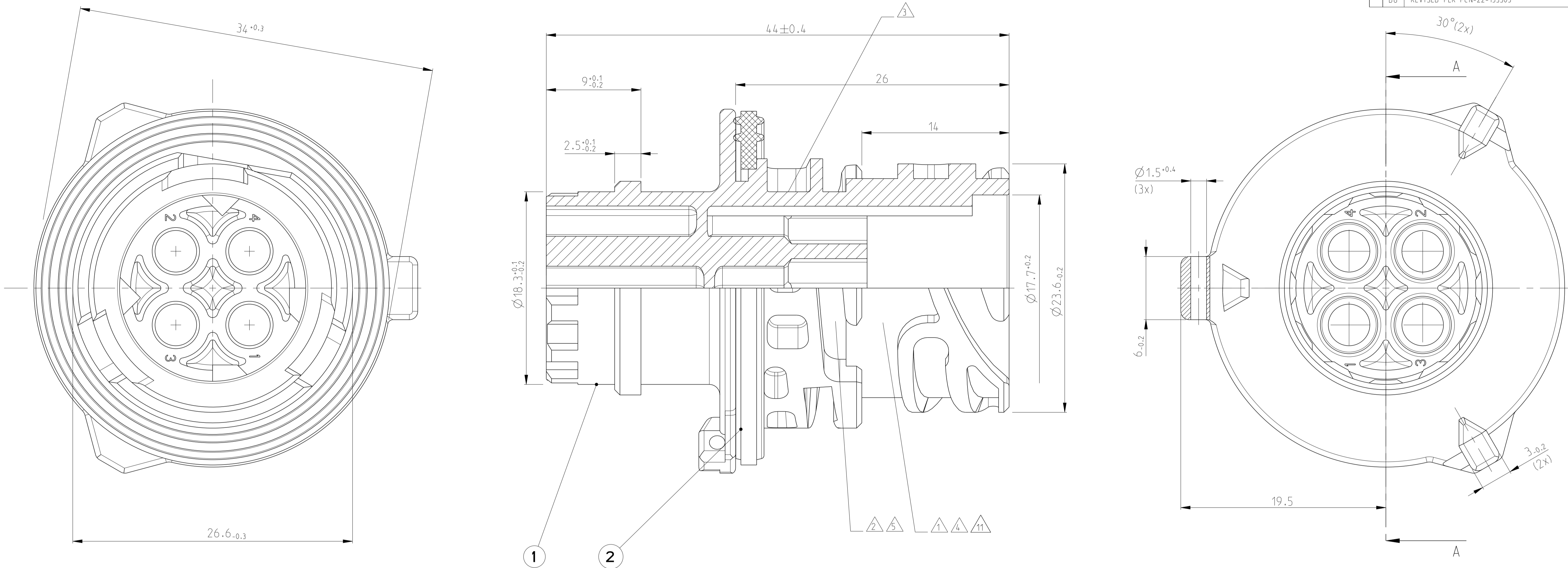
*Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti*

Revisione	Prodotto
REV.00 16/04/2026	OEM

DB CODING 1  
Kodierung 1

SECTION A-A  
Schnitt

PROJEKT NR.: 492-52069		REVISIONS			
REV.	DATE	DESCRIPTION	DATE	DRN	APVD
D5	02NOV2021	REVISED PER PCN-21-119507	02NOV2021	DRK	AW
D6	25JAN2022	REVISED PER PCN-22-127637	25JAN2022	DRK	AW
D7	10MAY2022	REVISED PER PCN-22-140236	10MAY2022	SN	AW
D8	20SEP2022	REVISED PER PCN-22-153305	20SEP2022	GB	AW



NOTES:  
Bemerkungen:

1 AMP OR TE CONNECTIVITY (TE) LOGO AND COUNTRY CODE AND MOLDED PART NUMBER  
AMP oder TE Connectivity (TE) Logo und Ländercode und Formteilnummer

MOLD TOOL	LOGO	COUNTRY CODE
EMEA	AMP	:
ASIA	TE	NONE

2 MATERIAL MARKING  
Werkstoffkennzeichnung

3 REVISION OF THE MOULD  
Werkzeugaenderungsindex

4 PRODUCTION DATE  
Produktionsdatum

5 CAVITY MARKING  
Nestmarkierung

6 FOR SUITABLE CONTACTS AND SEALS SEE DRAWING:  
Zu verwendende Kontakte und Einzeldichtungen siehe Tabellenzzeichnung:  
TE CONNECTIVITY 1355064  
MAX. WIRE THICKNESS: 2.5mm<sup>2</sup> FLR  
max. Drahtgroesse: 2.5mm<sup>2</sup> FLR

7 PANEL MOUNTING WITH FIXING RING  
TE CONNECTIVITY-NO. 965687-1  
Hinterwandmontage mit Befestigungsring  
TE CONNECTIVITY-Nr. 965687-1

8 COUPLING PART ACC. TO DIN 72585 / ISO 15170  
Kupplungsseite nach DIN 72585 / ISO 15170

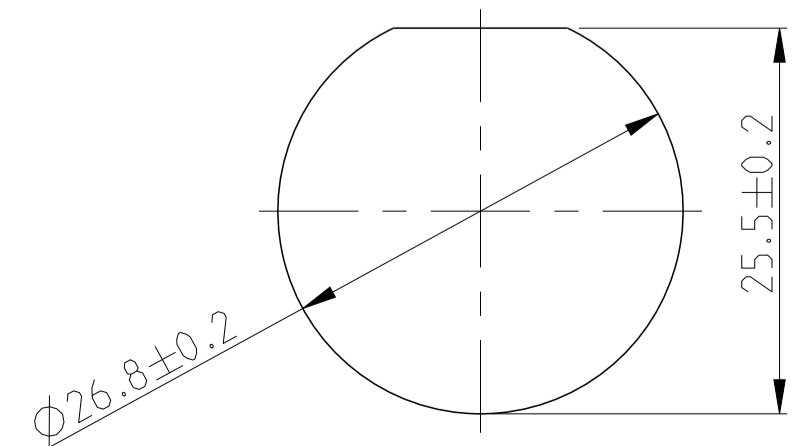
9 IN THE CASE OF NEW DESIGNS, THE DIMENSIONS OF THE CUT OFF SHOULD BE PLACED NEAR THE LOWER TOLERANCE LIMIT  
Hinterwandmontage mit Befestigungsring  
Bei Neukonstruktionen sollten die Masse des Blechausschnittes an die untere Toleranzgrenze gelegt werden

10 FOR THE CUSTOMER'S INCOMING INSPECTION OR PRODUCTION LINE INSPECTION, THE MAXIMUM TEST PRESSURE ALLOWED FOR USE IS ACCORDING TO IPX7 WITHIN SPECIFICATION 108-18621 AND SHOULD NOT EXCEED THAT PRESSURE  
Für die Eingangskontrolle des Kunden oder die Inspektion der Produktionslinie beträgt der maximal zulässige Prüfdruck gemäß IPX7 innerhalb der Spezifikation 108-18621 und sollte diesen Druck nicht überschreiten

11 MOLDED HOUSING COMPONENT NUMBER  
Bauteilnummer des Gehäusekomponent

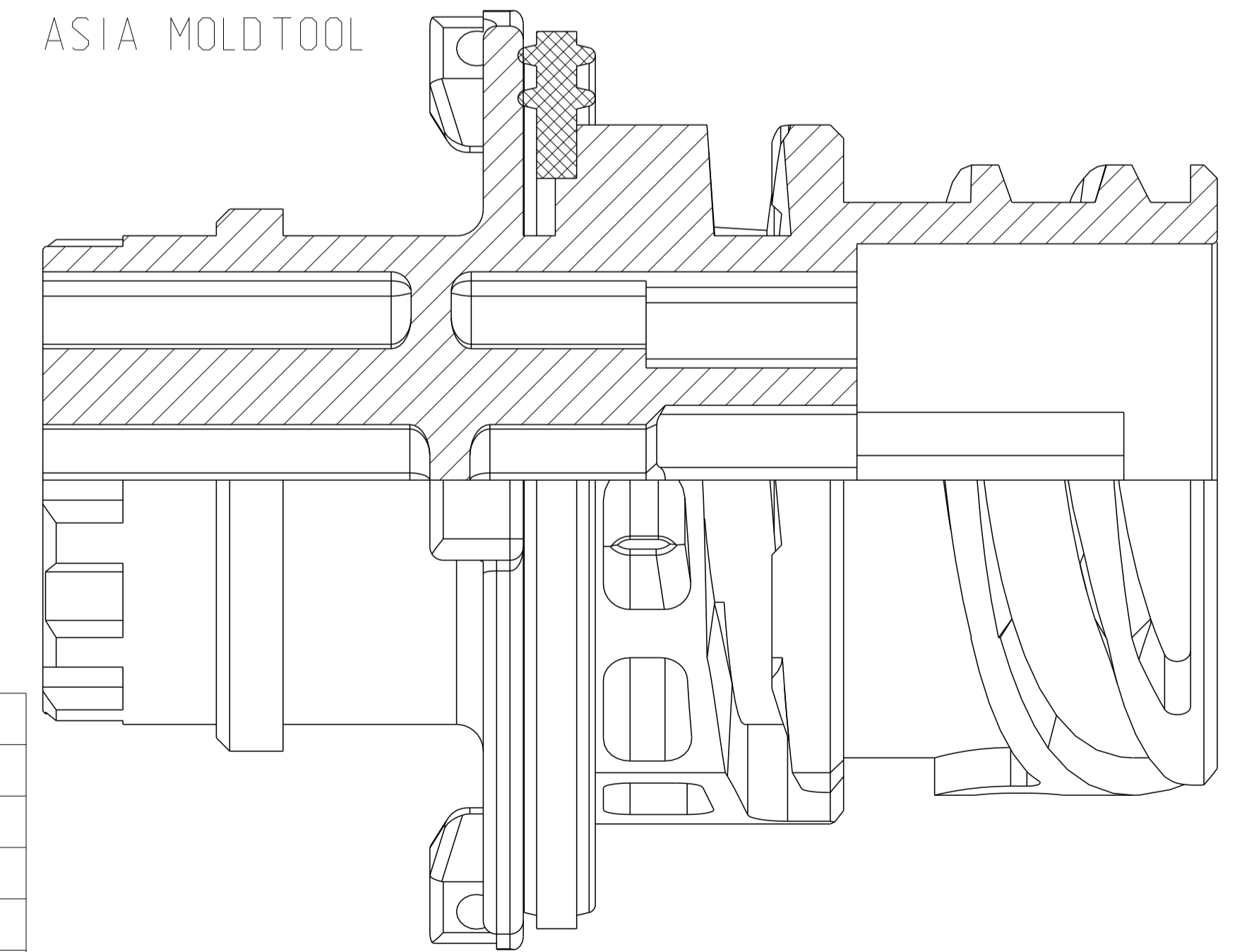
12 MATED WITH PART NUMBERS ON DRAWING: 967325, 968968  
Passend zu Teilenummern auf Zeichnung: 967325, 968968

9 7 CUT OFF (MATERIAL THICKNESS: 2.5±0.1 MM)  
Befestigungsausschnitt (Materialstärke: 2.5±0.1 mm)



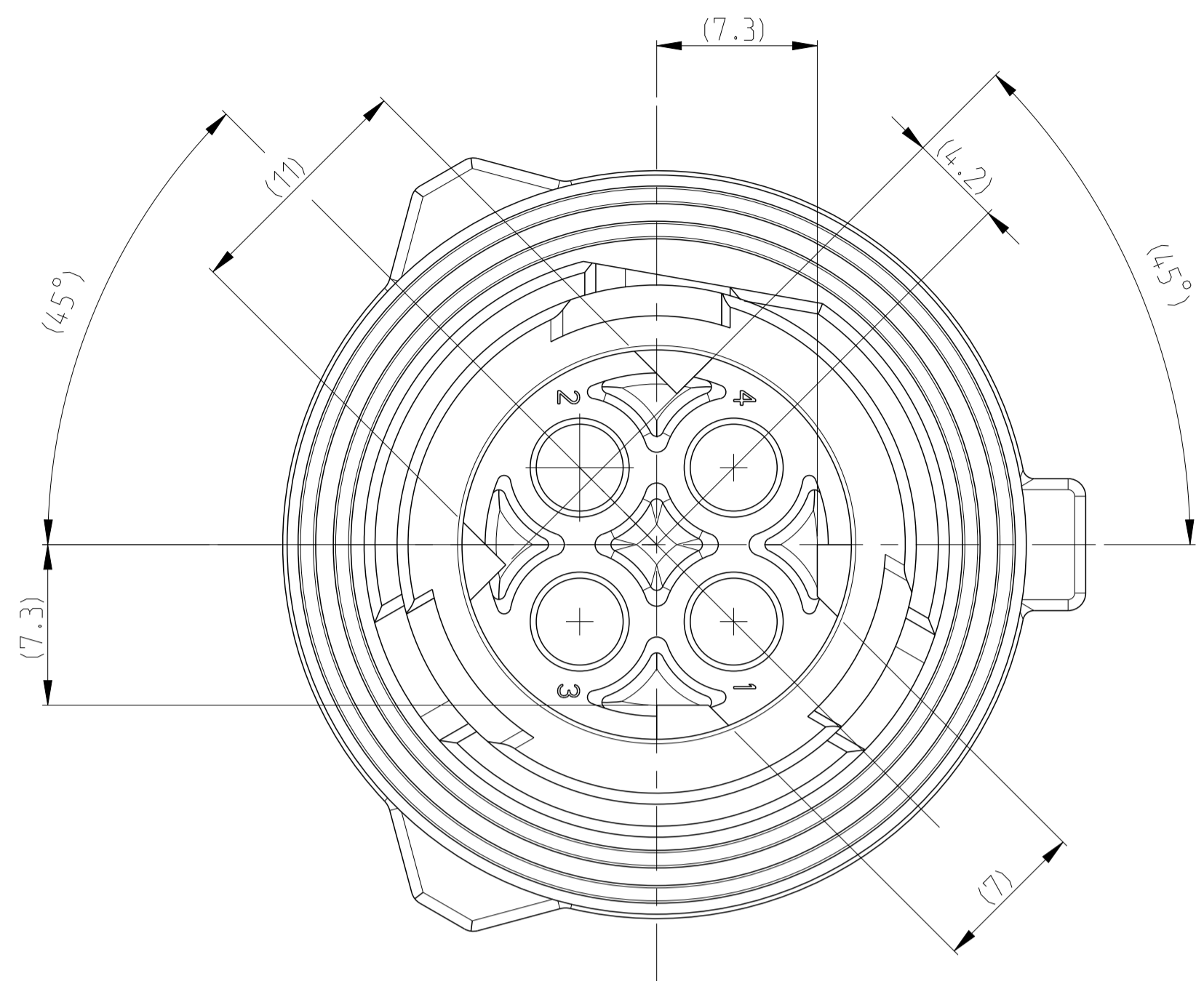
REV.	CONNECTOR ORDER NR. / Verbind.-Bestell-Nr.	USED CONTACT CAVITIES / Kontakbestueckung	POS.	QTY / Stueck	MATERIAL	COLOUR / Farbe	DESCRIPTION / Beschreibung
D	4-967402-1	1. 2. 3. 4	1	1	SILICONE	GREEN / Gruen	SEALING / Dichtung
D	3-967402-1	1. 2. 3. 4	1	1	PBT-GF20	BLUE / Blau	4POS. PIN HOUSING 4pol. Stiftgehaeuse
D	2-967402-3	1. 2	1	1	PBT-GF20	GREEN / Gruen	4POS. PIN HOUSING 4pol. Stiftgehaeuse
D	2-967402-2	1. 2. 3	1	1	PBT-GF20	GREY / Grau	2POS. PIN HOUSING 2pol. Stiftgehaeuse
D	2-967402-1	1. 2. 3. 4	1	1	PBT-GF20	GREY / Grau	3POS. PIN HOUSING 3pol. Stiftgehaeuse
D	1-967402-3	1. 2	1	1	PBT-GF20	BLACK / Schwarz	2POS. PIN HOUSING 2pol. Stiftgehaeuse
D	1-967402-2	1. 2. 3	1	1	PBT-GF20	BLACK / Schwarz	3POS. PIN HOUSING 3pol. Stiftgehaeuse
D	1-967402-1	1. 2. 3. 4	1	1	PBT-GF20	BLACK / Schwarz	4POS. PIN HOUSING 4pol. Stiftgehaeuse

ASIA MOLD TOOL

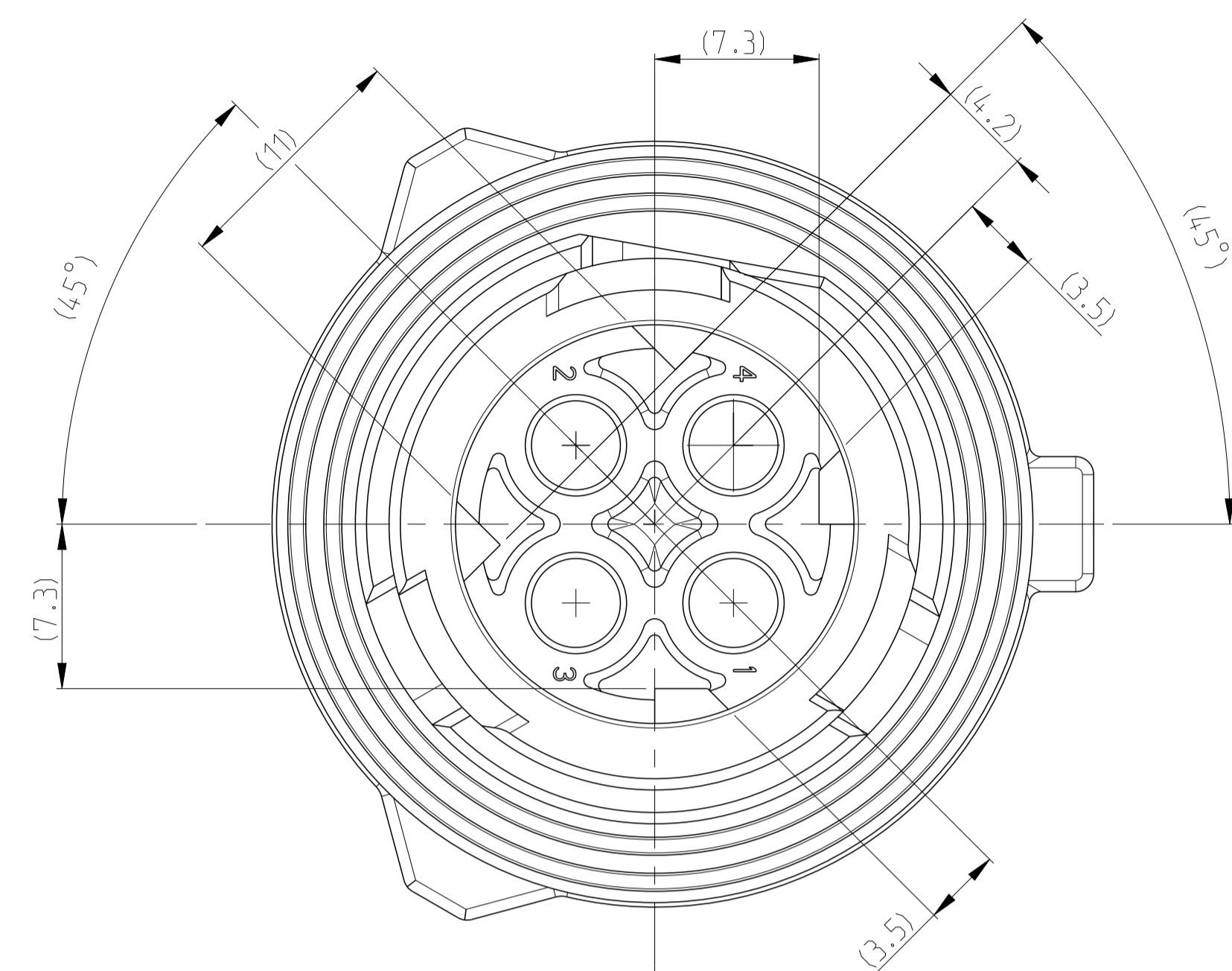


THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN: J. Gratzow 06MAR1995		TE Connectivity
DIMENSIONS: mm		CHK: J. Haas 06MAR1995		NAME: 2.5MM PIN HOUSING, 2-4POS., ASSY
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2mm		APVD: Eberwein 10MAY2010	PRODUCT SPEC: 108-18621-0	SIZE: 2.5mm Stiftstecker, 2-4pol., Assy
MATERIAL: SEE TABLE		FINISH: SEE TABLE	APPLICATION SPEC: 114-18255-0	SCALE: 5:1
WEIGHT: 15g		CAGE CODE: 00779	DRAWING NO: 967402	SHEET 1 OF 2
CUSTOMER DRAWING		RESTRICTED TO		REV: D8

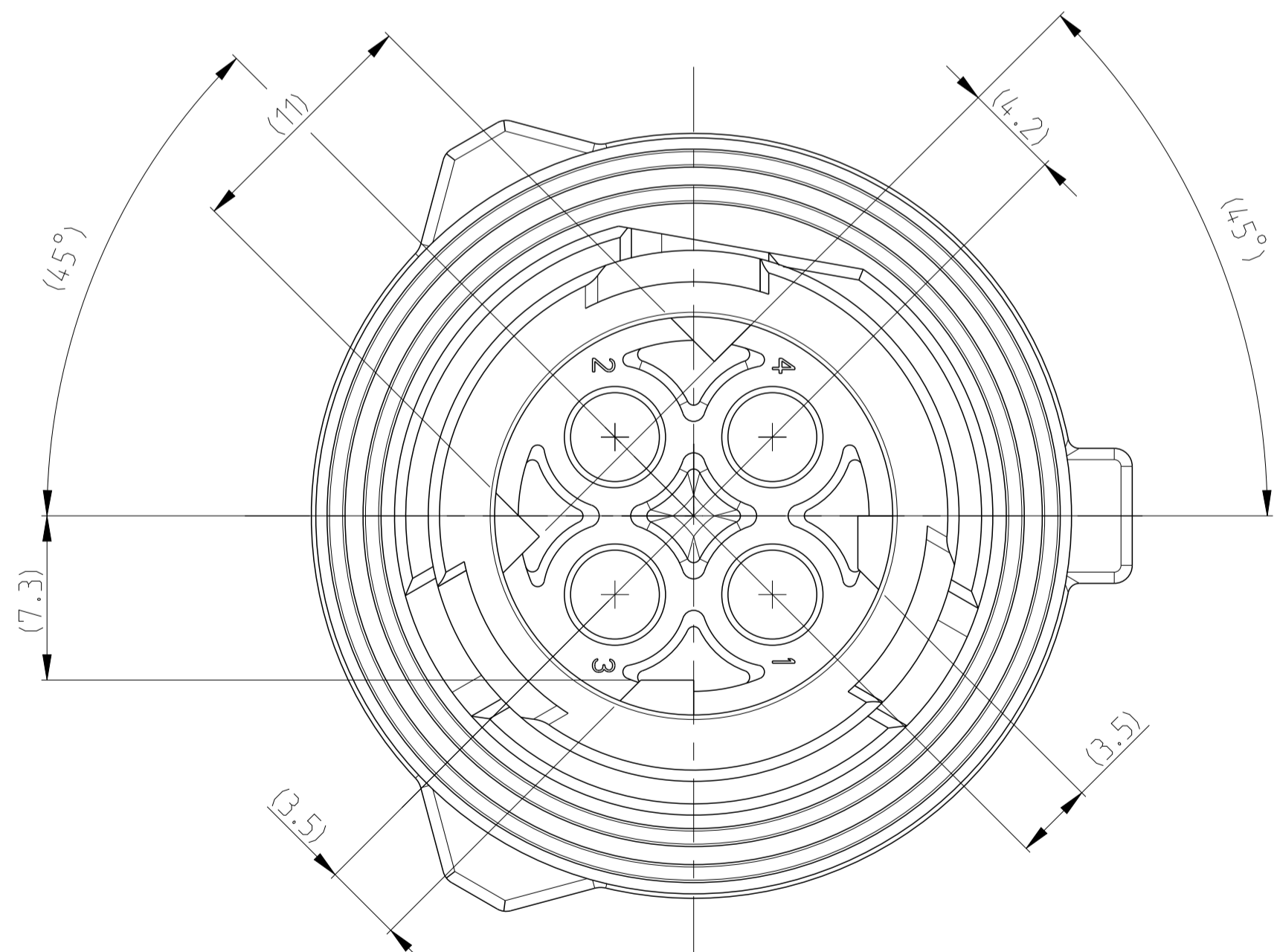
DB CODING 1  
Kodierung 1



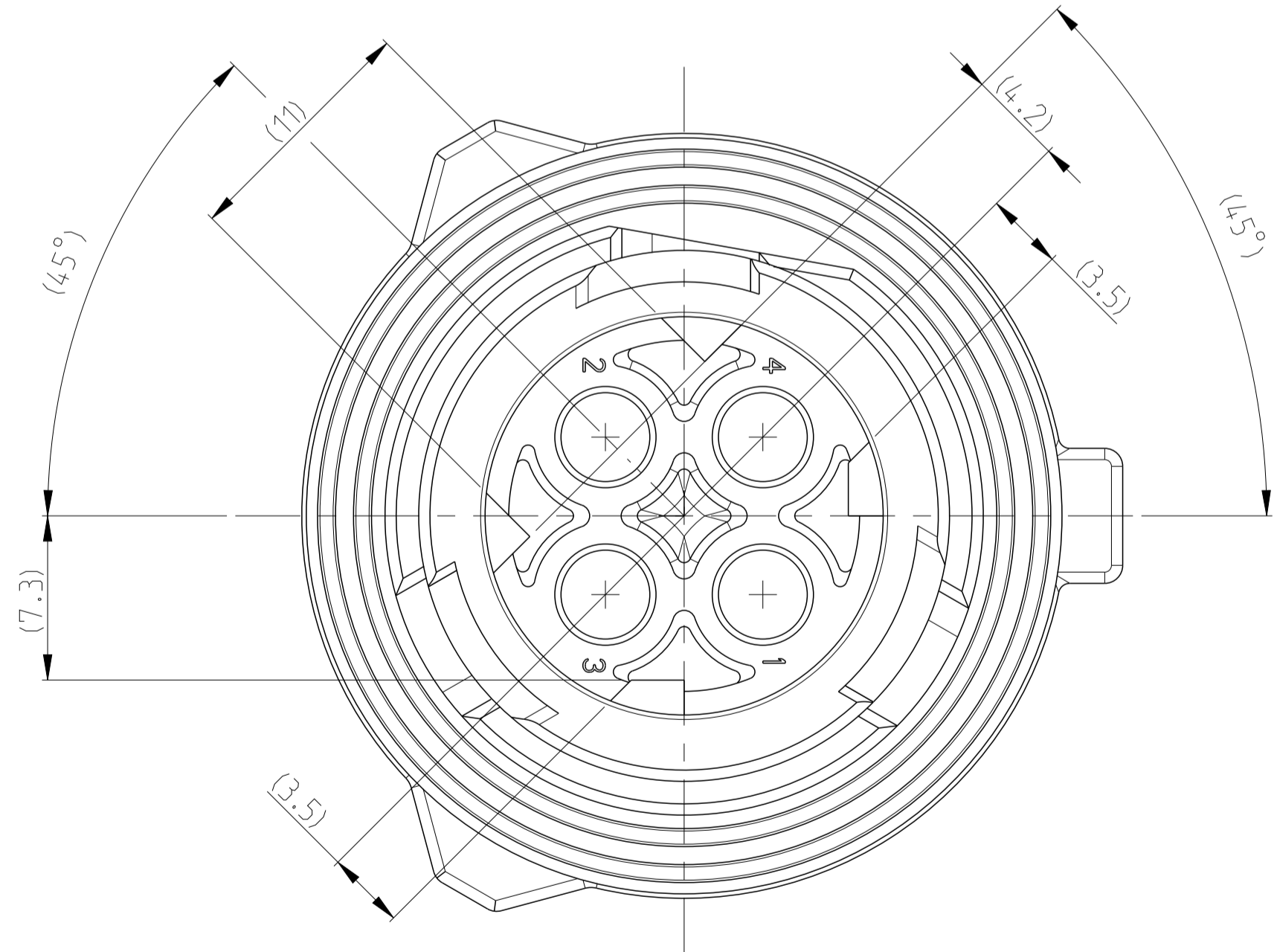
DB CODING 2  
Kodierung 2



DB CODING 3  
Kodierung 3

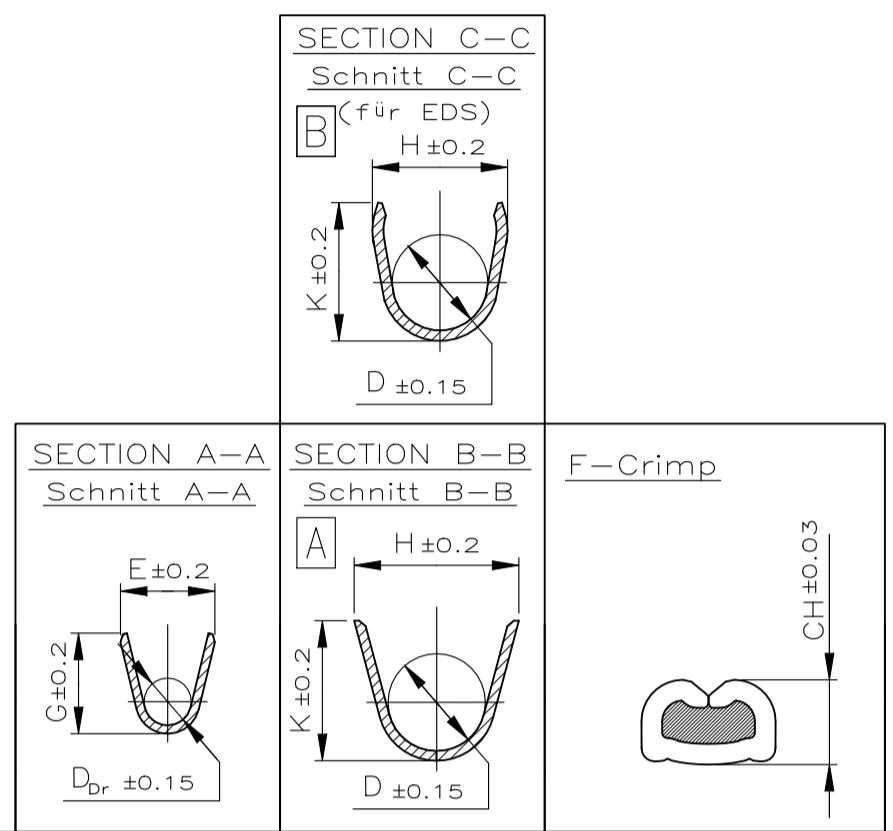
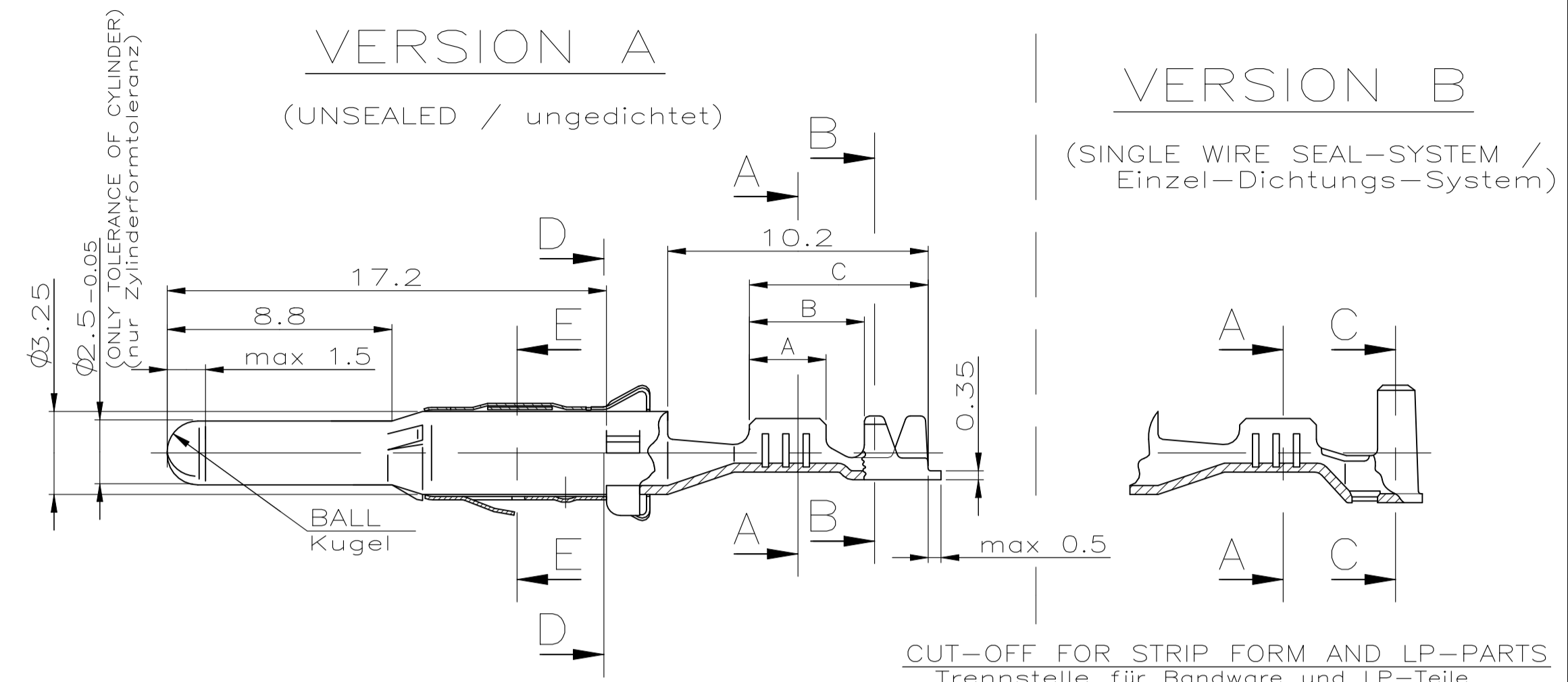
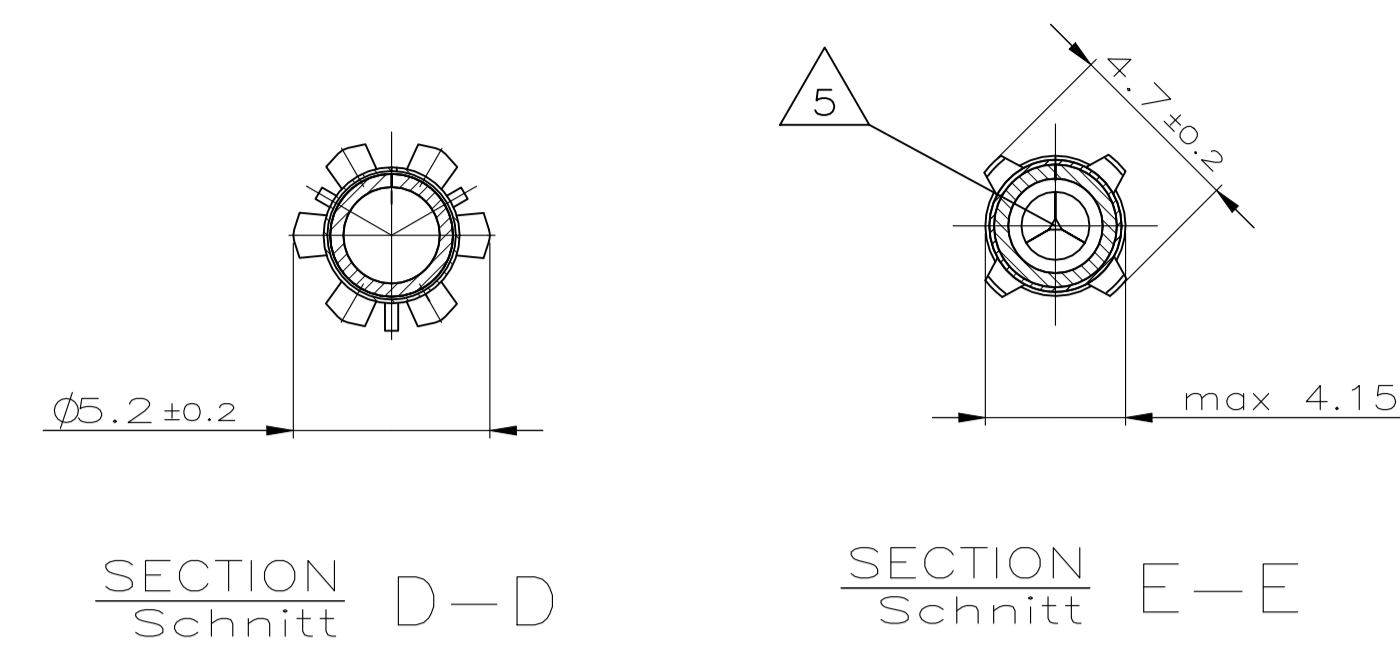


DB CODING 4  
Kodierung 4



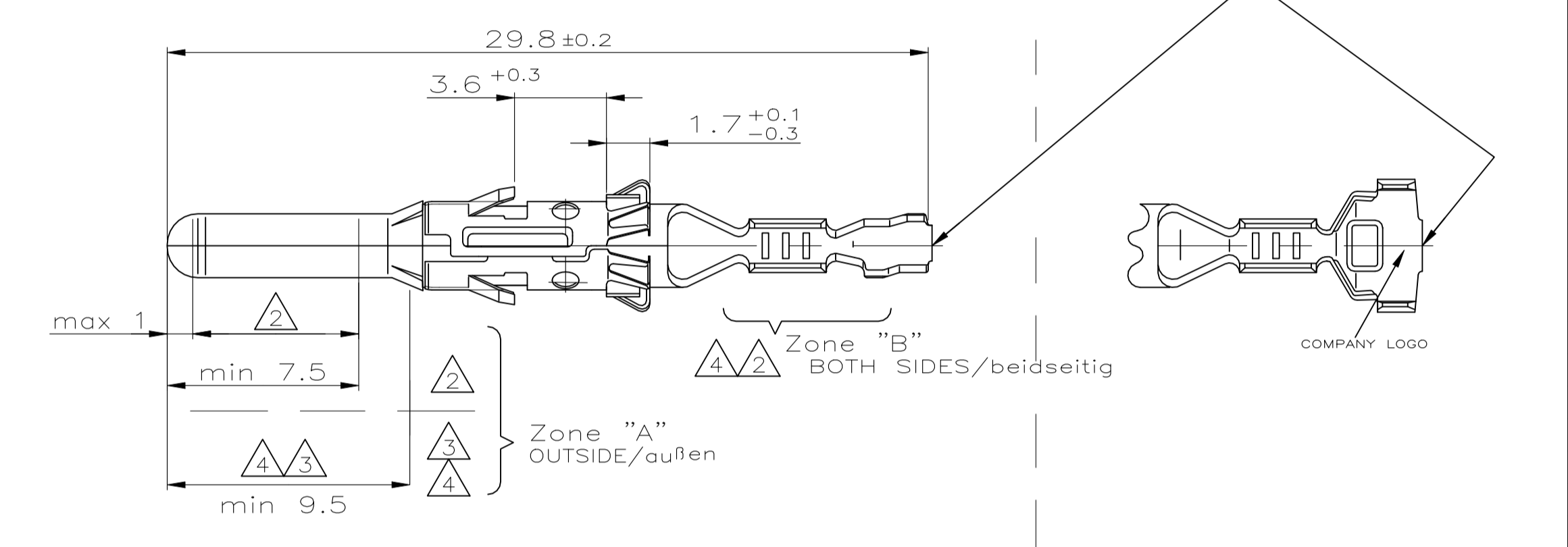
REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. Gratzdow	06MAR1995	
DIMENSIONS: mm		CHK J. Hass	06MAR1995	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. Eberwein	10MAY2010	NAME 2.5MM PIN HOUSING, 2-4POS., ASSY 2.5mm Stiftstecker, 2-4pol., Assy
0 PLC ±0.2mm		PRODUCT SPEC	108-18621-0	SIZE A
1 PLC ±		APPLICATION SPEC	114-18255-0	CAGE CODE 00779
2 PLC ±		FINISH	15g	DRAWING NO 967402
3 PLC ±		MATERIAL SEE TABLE	CUSTOMER DRAWING	RESTRICTED TO -
4 PLC ±		FINISH SEE TABLE	SCALE 5:1	SHEET 2 OF 2
ANGLES ±2°				REV 08



Version B (SINGLE WIRE SEAL-SYSTEM / Einzel-Dichtungs-System)

TE CONNECTIVITY ORDER-Nr.	TE CONNECTIVITY ORDER-Nr.	REV.	MATERIAL Werkstoff	SURFACE Oberfläche	DGB [mm <sup>2</sup> ]	WIRE CRIMP Drahtcrimp	INSUL.-CRIMP Isol.-Crimp	WIRE CRIMP HEIGHT CH Drahtcrimp-Höhe CH	APPLICATION TOOL Anschlag-WKZ	HAND TOOL Handzange	A	B	C	TE CONNECTIVITY ORDER-Nr. SINGLE SEAL Einzeldichtung	TE CONNECTIVITY ORDER-Nr. DEAD END PLUG Blindstopfen	
1-962800-4	1-962973-4	A	CuNiSi	A	>2.5-4.0 FLR	E = 4.3	H = 5.4	4.0mm <sup>2</sup> = 2.30	MQC-Applicator 4151297-X	-	4	6.9	8.5	828985-1	-	
962800-7	962973-7	K				G = 4.5	K = 5.9	3.0mm <sup>2</sup> = 2.05								
962800-1	962973-1	K				D <sub>cr</sub> = 2.4	D = 3.9									
1-929968-4	1-962972-4	A	CuNiSi	A	>1.0-2.5 FLR	E = 3.6	H = 5.0	2.5mm <sup>2</sup> = 1.97	MQC-Applicator 539679-2	1579024-5	4	6.9	8.5	828921-1	828922-1	
929968-8	962972-8	M				G = 3.8	K = 5.0	2.0mm <sup>2</sup> = 1.82								
929968-1	962972-1	M				D <sub>cr</sub> = 1.7	D = 3.6	1.5mm <sup>2</sup> = 1.67								
1-929967-4	1-962971-4	A	CuNiSi	A	0.5-1.0 FLR	E = 2.6	H = 4.8	1.0mm <sup>2</sup> = 1.45	MQC-Applicator 734289-1	1579024-3	3	5.4	7	828920-1	828922-1	
929967-8	962971-8	M				G = 2.8	K = 4.8	0.75mm <sup>2</sup> = 1.36								
929967-7	962971-7	M				D <sub>cr</sub> = 1.1	D = 3.2	0.5mm <sup>2</sup> = 1.27								
1-929966-4	1-962970-4	A	CuNiSi	A	0.2-0.4 FLR	E = 2.1	H = 4.5	0.35mm <sup>2</sup> = 1.11	MQC-Applicator 2-878484-2	1579024-3	3	5.4	7	828920-1	828922-1	
929966-8	962970-8	M				G = 2.1	K = 4.5									
929966-7	962970-7	M				D <sub>cr</sub> = 0.8	D = 3.2									



**REMARKS**  
 Bemerkungen

1 **PRE TINNED** 1-2µm  
 vorverzinnt

2 **ZONE "A": MIN 0.8µm ELECTROPL. Au OVER MIN 1.3µm ELECTROPL. Ni LAYER**  
 min 0.8µm galv. Au über min 1.3µm galv. Ni  
**ZONE "B": 1-2µm ELECTROPL. Sn OVER MIN 0.1µm ELECTROPL. Ni**  
 1-2µm galv. Sn über min 0.1µm galv. Ni  
**REST: min 0.1µm ELECTROPL. Ni**  
 min 0.1µm galv. Ni

3 **ZONE "A": MIN 3µm ELECTROPL. Ag**  
 min 3µm galv. Ag  
**REST: min 0.5µm ELECTROPL. Ag**  
 min 0.5µm galv. Ag

4 **ZONE "A": MIN 3µm ELECTROPL. Ag**  
 min 3µm galv. Ag  
**ZONE "B": 1-3µm ELECTROPL. Sn**  
 1-3µm galv. Sn  
**REST: SILVER OR TIN ALLOWED IN TRANSITION AREAS.OVERLAPPING LAYERS**  
 AND PLAIN SURFACES ARE NOT ALLOWED.  
 Silber oder Zinn im Übergangsbereich erlaubt.  
 überlagernde Schichten oder blanke Stellen sind nicht erlaubt.

5 **AT AREA OF TOP OPENING PERMITTED**  
 Im Bereich der Spitze Öffnung zulässig

6 **AVAILABILITY MUST BE CHECKED BY TE CONNECTIVITY**  
 Verfügbarkeit ist von TE CONNECTIVITY zu prüfen

Version A (UNSEALED / ungedichtet)

TE CONNECTIVITY ORDER-Nr.	TE CONNECTIVITY ORDER-Nr.	REV.	MATERIAL Werkstoff	SURFACE Oberfläche	DGB [mm <sup>2</sup> ]	WIRE CRIMP Drahtcrimp	INSUL.-CRIMP Isol.-Crimp	WIRE CRIMP HEIGHT CH Drahtcrimp-Höhe CH	APPLICATION TOOL Anschlag-WKZ	HAND TOOL Handzange	A	B	C	
1-929965-4	1-962969-4	A	CuNiSi	A	>2.5-4.0 FLR	E = 4.3	H = 5.4	4.0mm <sup>2</sup> = 2.30	MQC-Applicator 734285-3	734289-3	4	5.5	8.5	
929965-8	962969-8	J				G = 4.5	K = 5.6	3.0mm <sup>2</sup> = 2.05						
929965-7	962969-7	J				D <sub>cr</sub> = 2.4	D = 3.2							
929965-1	962969-1	J												
1-929964-4	1-962968-4	A	CuNiSi	A	>1.0-2.5 FLR	E = 3.6	H = 4.3	2.5mm <sup>2</sup> = 1.97	MQC-Applicator 734285-2		4	5.5	8.5	
929964-8	962968-8	J				G = 3.8	K = 4.5	2.0mm <sup>2</sup> = 1.82						
929964-7	962968-7	J				D <sub>cr</sub> = 1.7	D = 2.6	1.5mm <sup>2</sup> = 1.67						
929964-1	962968-1	J												
1-929963-4	1-962967-4	A	CuNiSi	A	0.5-1.0 FLR	E = 2.6	H = 3.2	1.0mm <sup>2</sup> = 1.45	MQC-Applicator 734285-1	2-1579024-5	3	4.5	7	
929963-8	962967-8	L				G = 2.8	K = 3.4	0.75mm <sup>2</sup> = 1.36						
929963-7	962967-7	L				D <sub>cr</sub> = 1.1	D = 1.8	0.5mm <sup>2</sup> = 1.27						
929963-1	962967-1	L												
1-929962-4	1-962966-4	A	CuNiSi	A	0.2-0.4 FLR	E = 2.1	H = 2.5	0.35mm <sup>2</sup> = 1.11	MQC-Applicator 734285-1	2-1579024-4	3	4.5	7	
929962-8	962966-8	J				G = 2.1	K = 2.5	0.25mm <sup>2</sup> = 1.07						
929962-7	962966-7	J				D <sub>cr</sub> = 0.8	D = 1.4	0.2mm <sup>2</sup> = 1.05						
929962-1	962966-1	J												

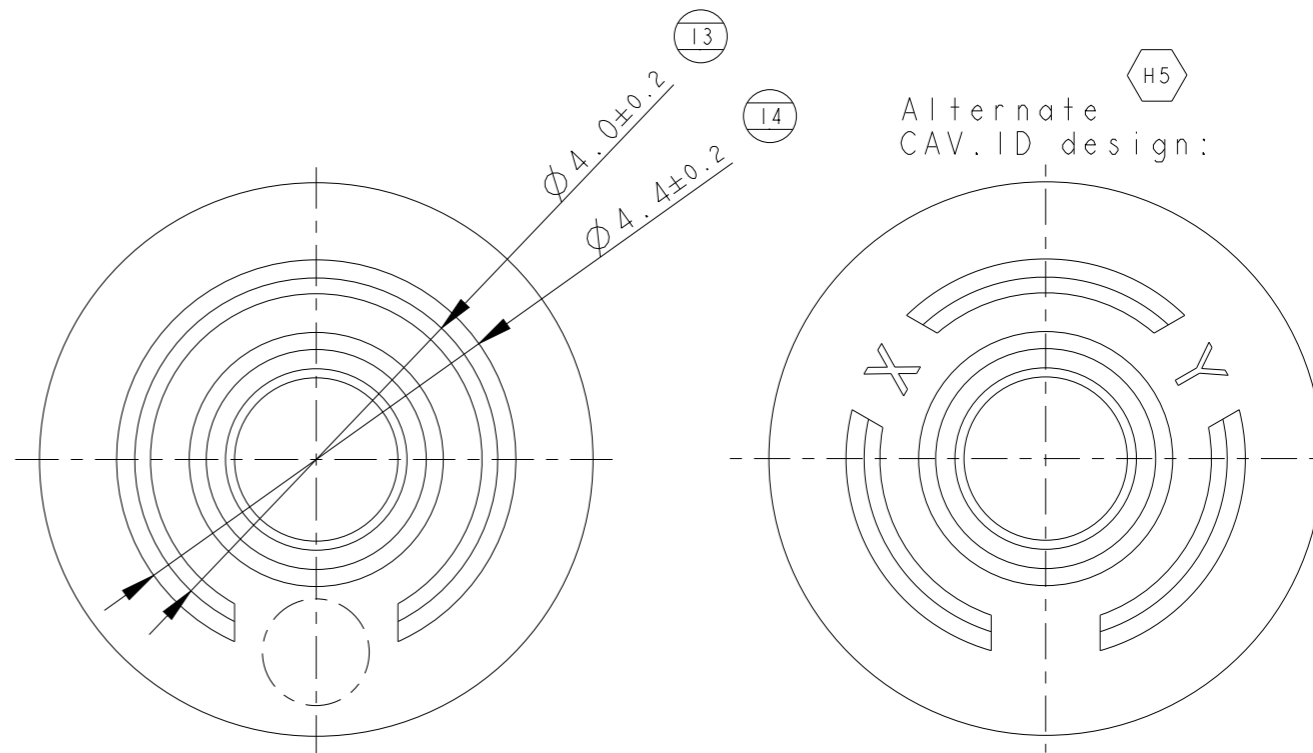
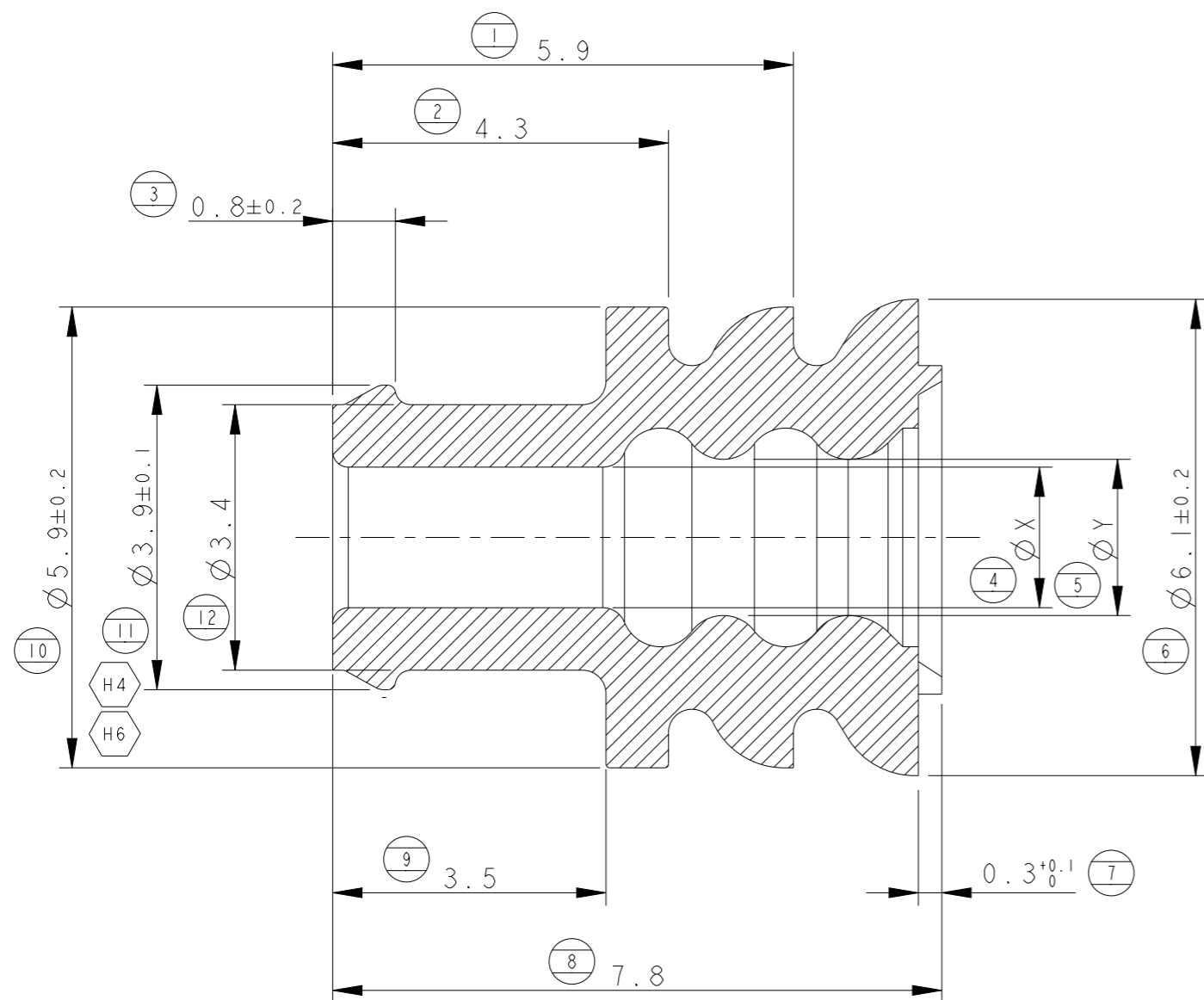
THIS DRAWING IS A CONTROLLED DOCUMENT.  
 DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT.

DIMENSIONS: MASSENHETEN: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: A: ± 0.15 mm	DIN C. Goetz 25-JUN-2001	TE Connectivity
MATERIAL: SEE TABLE	FINISH/OBERFLÄCHE/FARBE: SEE TABLE	C. Goetz 25-JUN-2001 J. Granzow	
PRODUCT SPEC: 108-18027 APPLICATION SPEC: 114-18020		NAME: DIA. 2.5MM PIN CONTACT DIA 2.5mm Stiftkontakt	APVD: - SIZE: A1 CASE CODE: 00779 DRAWING NO: 1355064 SCALE: 5:1 SHEET 1 OF 1 REV: A7

CUSTOMER DRAWING / KUNDENZEICHNUNG

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
H3		ECR-23-169886	17APR2023	BV	GB
H4		(5- -3) added & DIM.11 Tolerance changed.	13MAY2025	BV	SZG
H5		Alternate CAV.ID design added.	11SEP2025	BV	GB
H6		Drawing error (DIM.11) was fixed	23SEP2025	BV	GB



SCALE 5:1



same as 281934-3	same as 281934-3	same as 281934-3	YELLOW	LSR	H	5-281934-3	H4
same as 281934-2	same as 281934-2	same as 281934-2	YELLOW	LSR	H	5-281934-2	H3
1.2 - 1.6	1.0 ± 0.2	1.0 ± 0.2	WHITE	FLUORSILICONE RUBBER (FSL)	H	281934-5	
			GREEN	SILICONE RUBBER (LSR)	H	281934-4	
2.5 - 3.3	2.0 ± 0.2	1.8 ± 0.2	RED	SILICONE RUBBER (LSR)	H	281934-3	
1.7 - 2.4	1.4 ± 0.2	1.4 ± 0.2	YELLOW	SILICONE RUBBER (LSR)	H	281934-2	
SUITABLE FOR INS. DIA	DIM. "Y"	DIM. "X"	COLOUR	MATERIAL	REV.	P/N	



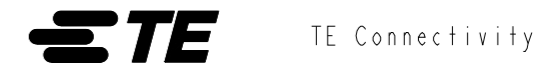
THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C. BERTINI 12-'88

CHK A. BRUNI 05-'92

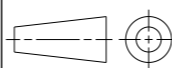
APVD -

NAME SINGLE WIRE SEAL



DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:



- 0 PLC ±0.3
- 1 PLC ±0.3
- 2 PLC ±-
- 3 PLC ±-
- 4 PLC ±-
- ANGLES ±2°
- FINISH -

MATERIAL

SEE TABLE

PRODUCT SPEC -

APPLICATION SPEC -

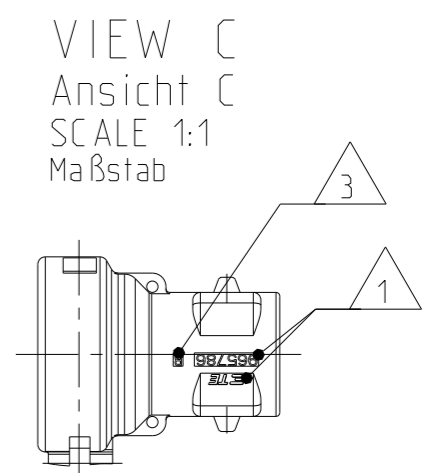
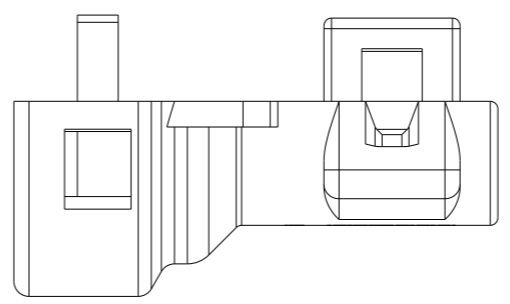
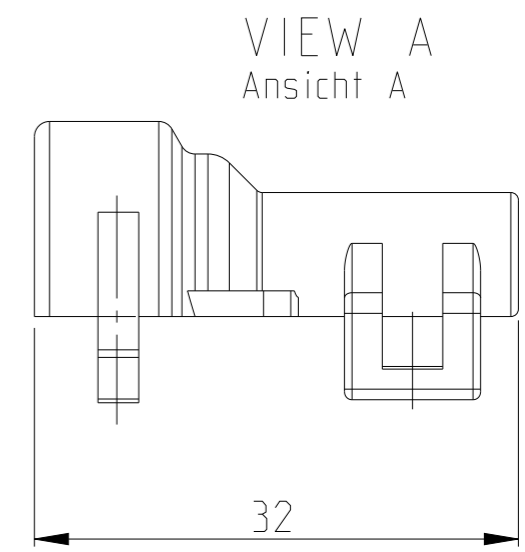
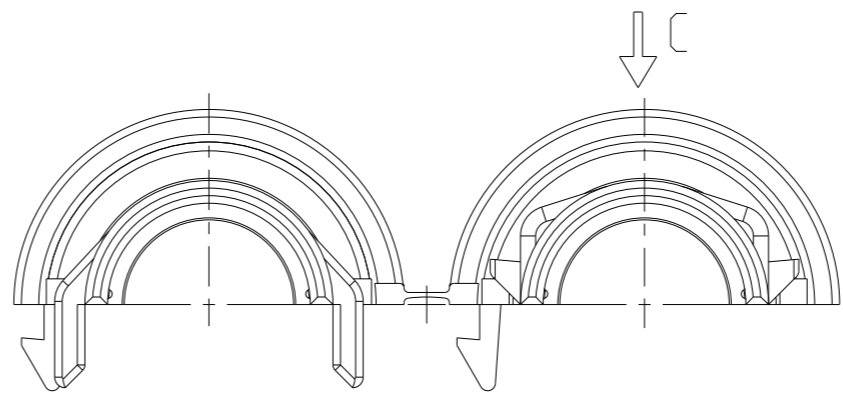
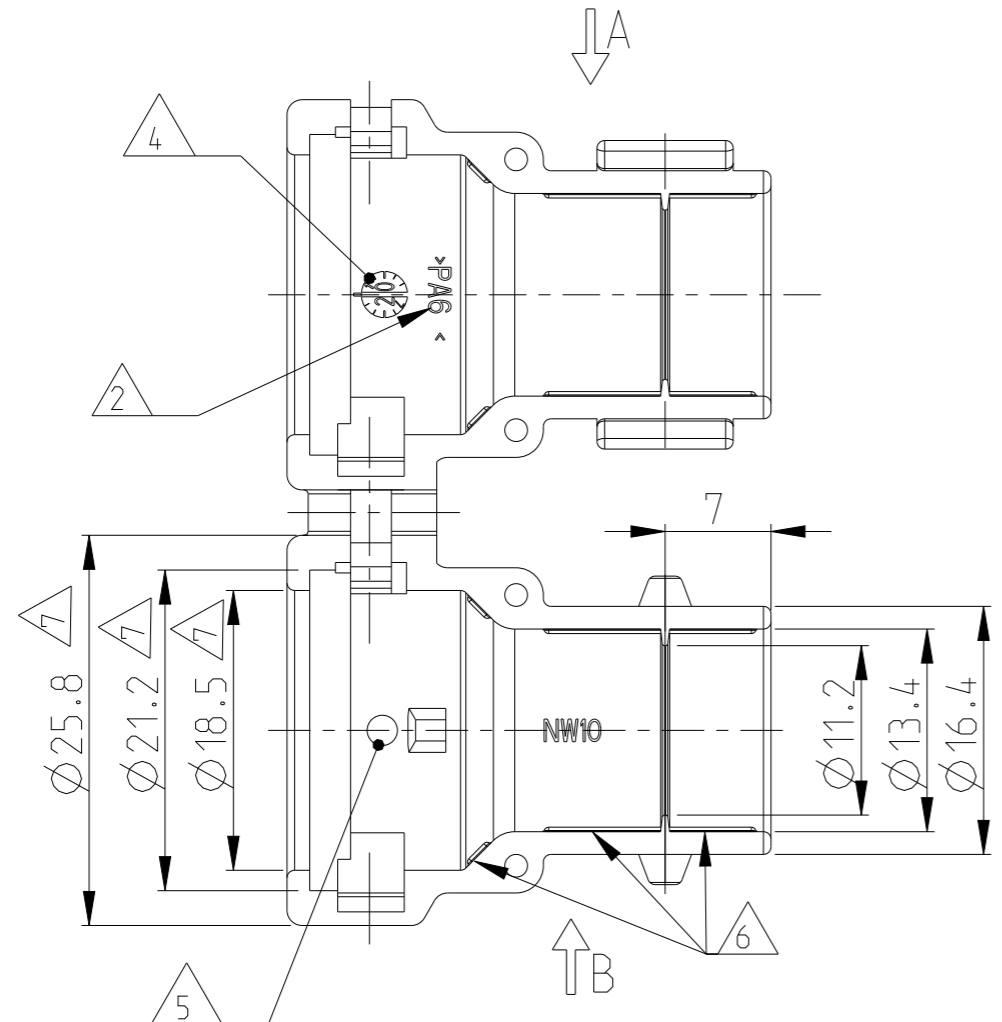
WEIGHT -

Customer Drawing

SIZE A3 CAGE CODE - DRAWING NO C-281934 RESTRICTED TO -

SCALE 7:1 SHEET 1 OF 1 REV H6

P		LTR	DESCRIPTION BESCHREIBUNG	DATE	DWN	APVD
		B	REVISED PER PCN E-20-014128	05OCT2020	MK	GL
		B1	REVISED PER PCN-21-106141	28JUN2021	SN	GL
		B2	REVISED PER PCN-24-201853	26FEB2024	HH	AW
		B3	REVISED PER PCN-25-249908	07JUL2025	HH	MR



NOTES  
Bemerkungen

- 1 TE-LOGO AND TE NUMBER  
TE-Logo und TE-Nummer
- 2 MATERIAL MARKING  
Materialkennzeichnung
- 3 REVISION OF THE MOULD  
Werkzeugaenderungsindex
- 4 PRODUCTION-DATE  
Produktionsdatum
- 5 MOULD CAVITY MARKING  
Nestmarkierung
- 6 FEATURE PRESENT ACCORDING TO MOLDING TOOL
- 7 WARPAGE FROM NOM. DIMENSION UP TO -0.8MM ALLOWED

TOLERANCES UNLESS OTHERWISE SPECIFIED ACC. TO DIN 16901-140 CENTRIC TO NOMINAL DIMENSION. EDITION 1982-11 SHALL APPLY. Freimass toleranzen nach DIN 16901-140. Es gilt die Ausgabe 1982-11.	
DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT. BEMASSUNGEN UND TOLERANZEN GEMAESS GPS (ISO STANDARDS).	
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).	
DIMENSIONS: MASSEINHEITEN: [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN
	0 PLC ±0.4 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES/WINKEL ±2°
MATERIAL	FINISH/OBERFLAECHE/FARBE
SEE TABLE	SEE TABLE

**STE** TE Connectivity

NAME: CAP 180 DEG FOR CORRUGATED TUBES NW 10  
Abdeckkappe 180 Grad fuer Wellrohr NW 10

SIZE: A3 CAGE CODE: 00779 DRAWING NO: G=965786

RESTRICTED TO NUR FUER

CUSTOMER DRAWING /KUNDENZEICHNUNG SCALE MASSSTAB 2:1 SHEET BLATT 1 OF VON 1 REV B3

TE ORDER-NO. TE Bestell-Nr.	REV.	MAT.	COLOUR Farbe	DESCRIPTION Beschreibung	ITEM
965786-1	B	PA6	BLACK schwarz	CAP 180 DEGREE NW 10 Kappe 180 Grad NW 10	1