

M 234019-K



MINIKIT

Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti

Revisione	Prodotto
REV.00 10/04/2026	OEM

CONNETTEUR DOIT ETRE CONFORME AU CDC :
-SPECIFICATION INTERNE I 0045
-STE 96 488 121 99

FEMALE CONNECTOR ACCORDING TO SPECIFICATION PSA:
-SPECIFICATION INTERNE I 0045
-STE 96 488 121 99

INTERFACE SUIVANT IEC 60061-1 FEUILLES 7004-110-1
INTERFACE ACCORDING TO IEC 60061-1 SHEETS 7004-110-1

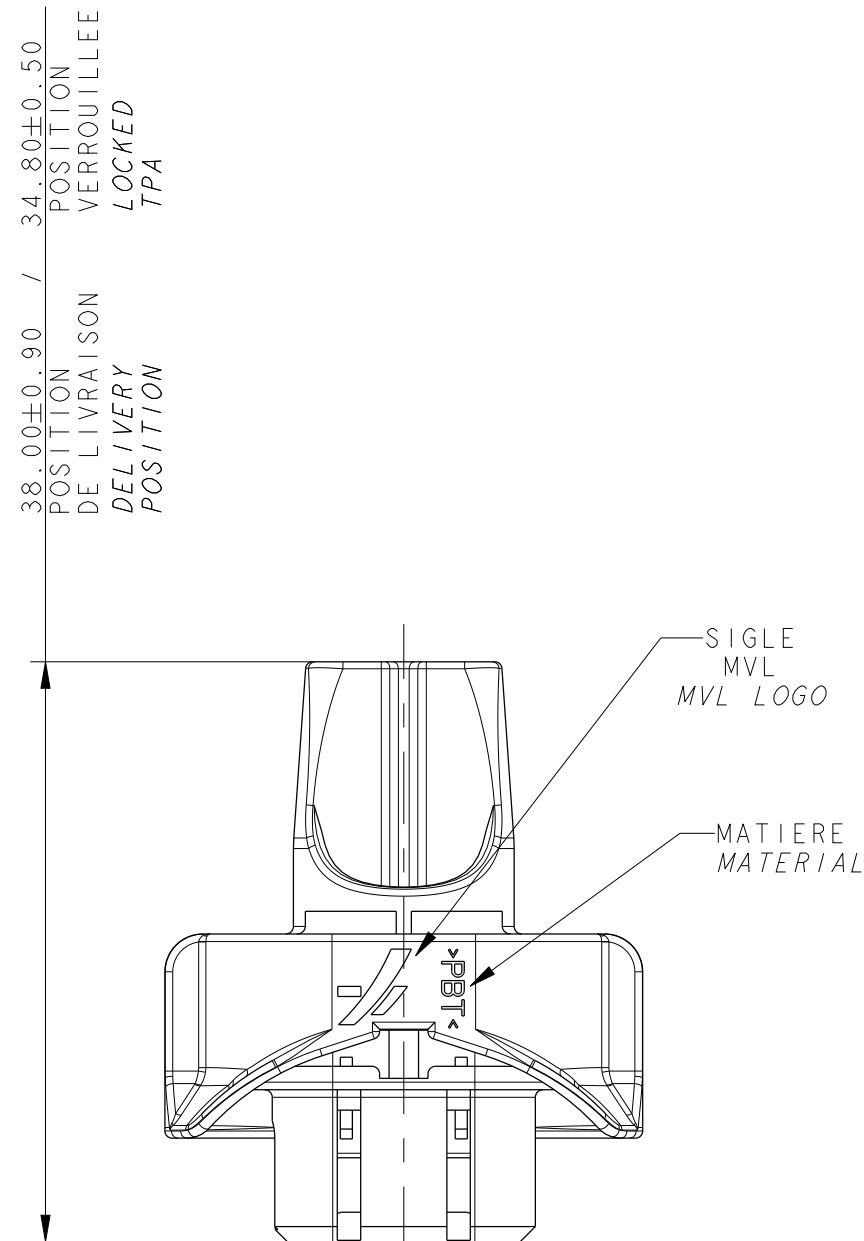
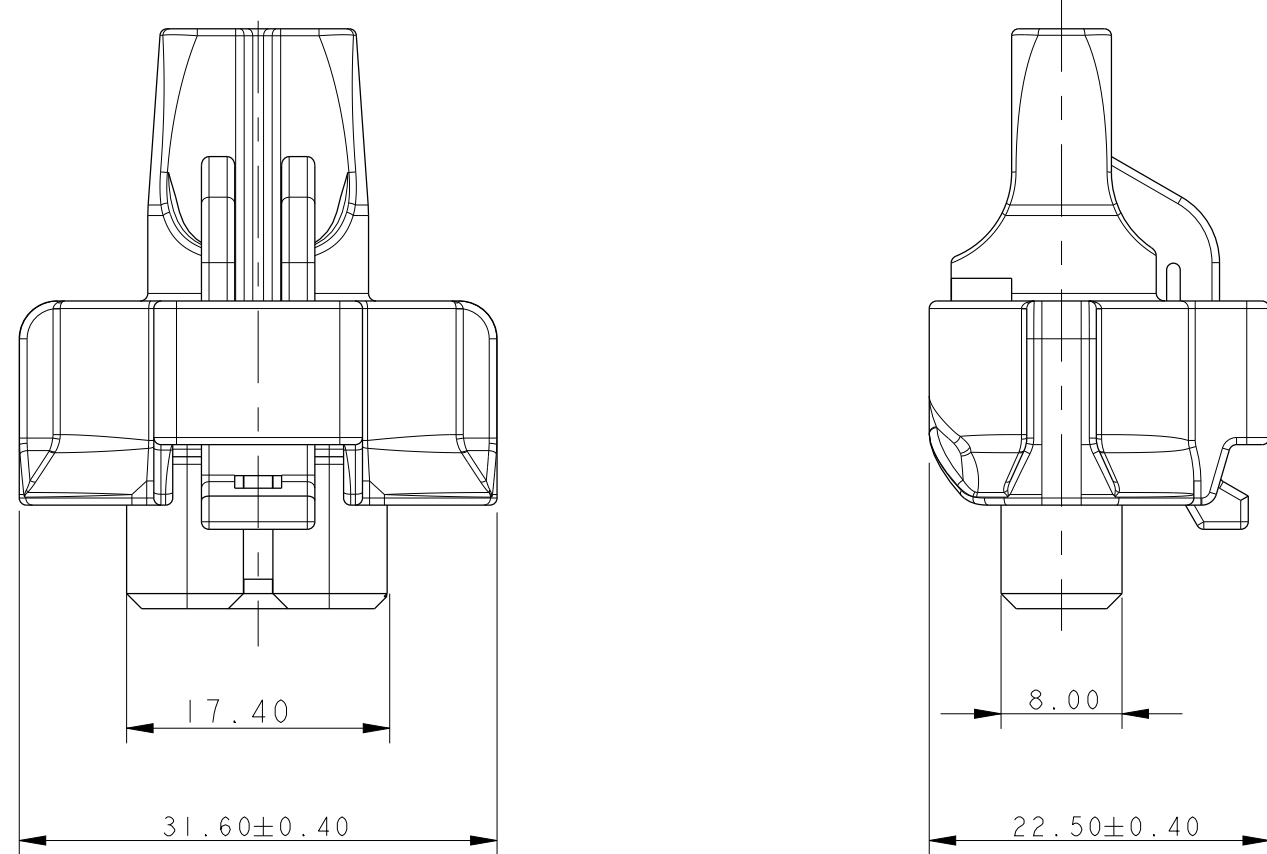
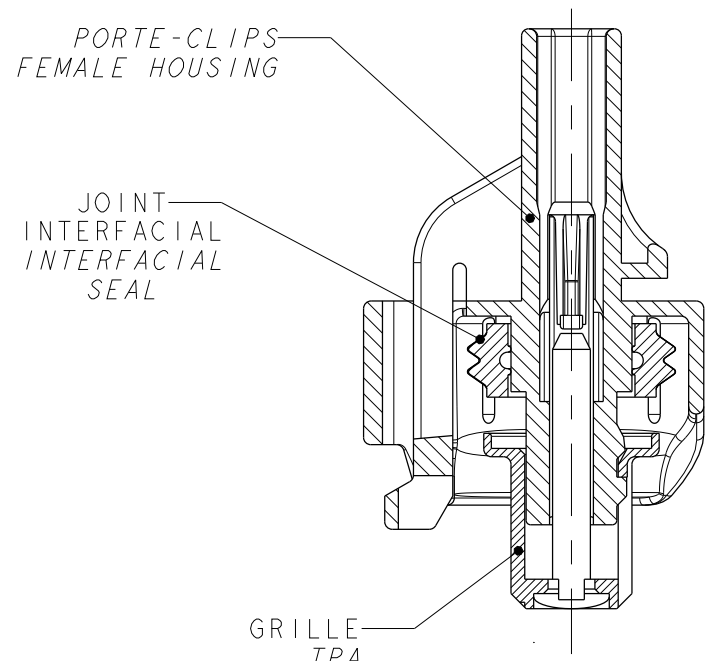
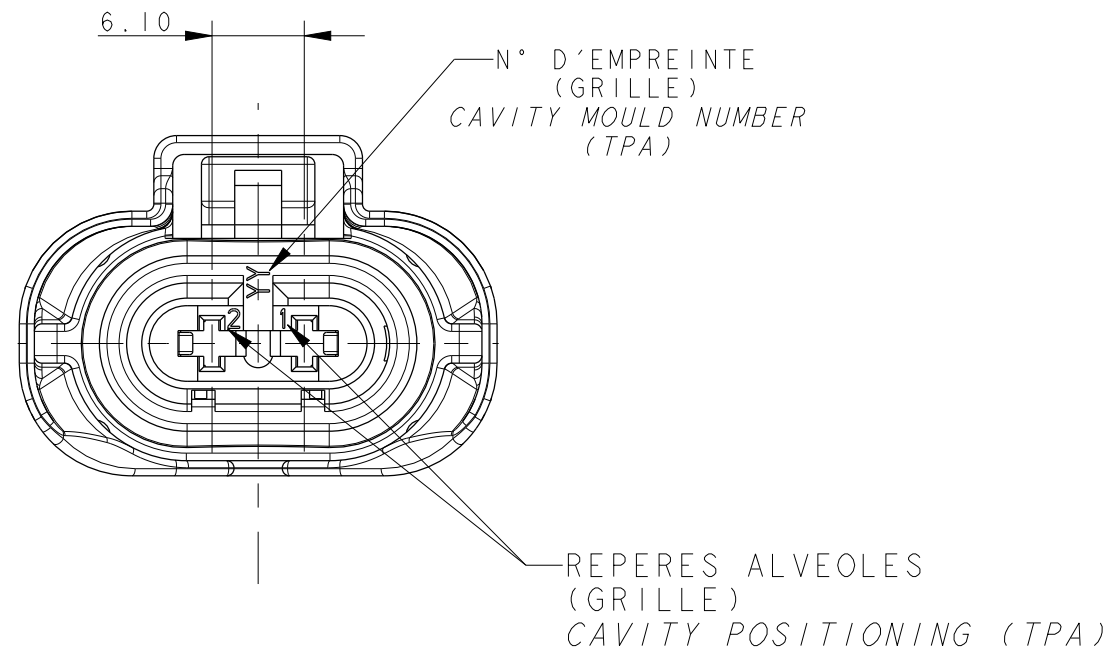
DOSSIER DE PRECONISATION N°PU 022

USER MANUAL N°PU 022

CONDITIONNEMENT SUIVANT NORME E 7 303 150 G
PACKAGING ACCORDING TO STANDARD E 7 303 150 G

MASSE DU PRODUIT LIVRABLE : 6g

DELIVERY CONNECTOR WEIGHT: 6g



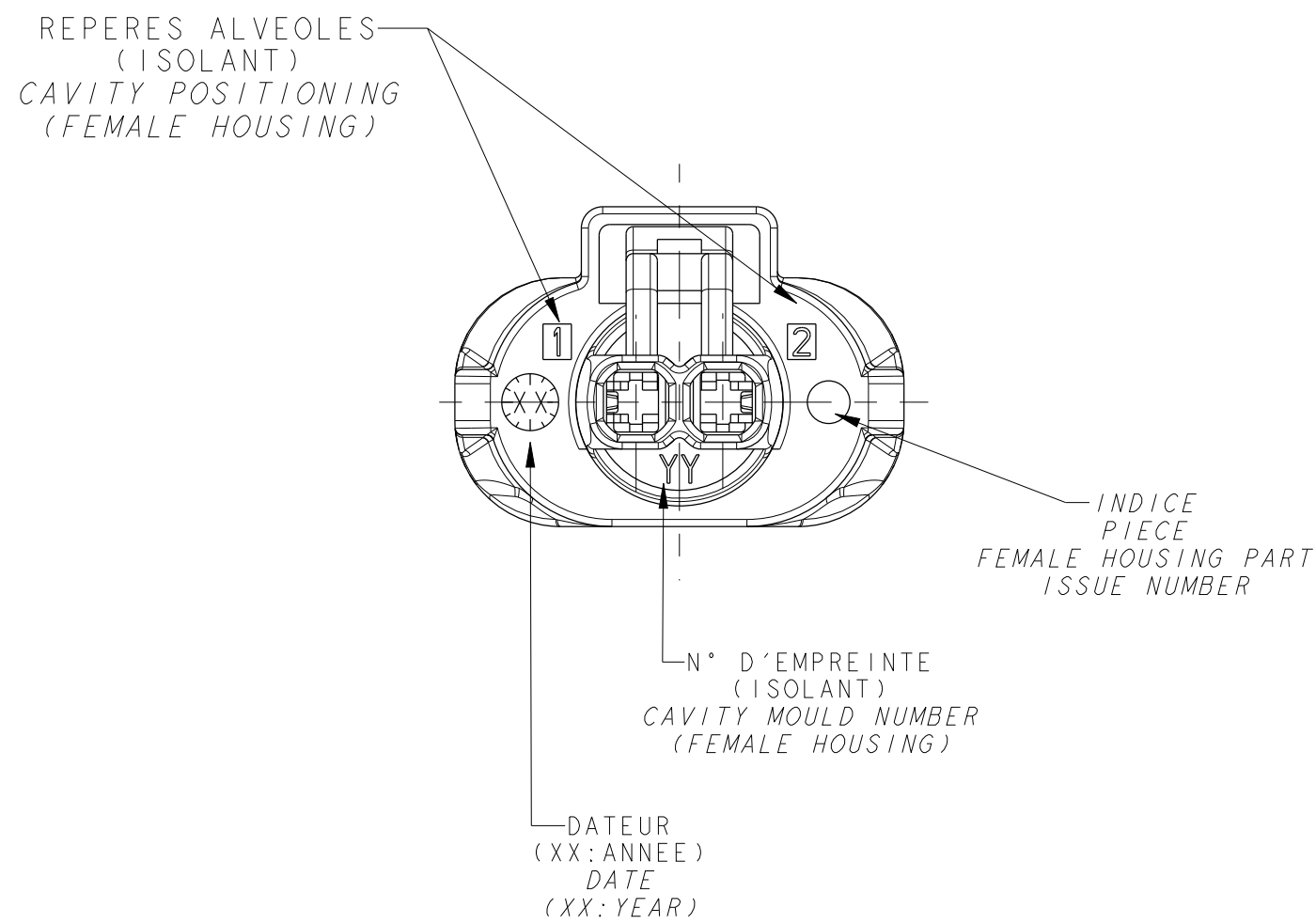
CONTACTS DCS-1
FEMALE TERMINAL DCS-1

CLIPS DCS 1 / CONTACTS DCS 1					
CLIP DCS1 2.8x0.8 SECTION 0.50-1.00 mm ² FEMALE TERMINAL DCS-1 2.8x0.8 SECTION 0.50-1.00 mm ²	CuSn	Sn	6 001 05 31	12198447	
CLIP DCS1 2.8x0.8 SECTION > 1.00-2.50 mm ² FEMALE TERMINAL DCS-1 2.8x0.8 SECTION > 1.00-2.50 mm ²	CuSn	Sn	6 001 05 41	12198436	
JOINT UNITAIRE SUR FIL POUR DCS 1 SINGLE WIRE SEAL (SWS) DCS1					
BOUCHON CAVITY PLUG	SILICONE	BLANC / WHITE	211 M 0013	15340264	
JOINT UNITAIRE SUR FIL Ø ISOLANT FIL 1.28-1.90 SINGLE WIRE SEAL (SWS) Ø INSULATION WIRE 1.28-1.90	SILICONE	ROUGE / RED	211 M 0009	15327786	
JOINT UNITAIRE SUR FIL Ø ISOLANT FIL 1.99-3.00 SINGLE WIRE SEAL (SWS) Ø INSULATION WIRE 1.99-3.00	SILICONE	BLEU / BLUE	211 M 0010	10757056	
DESIGNATION DESCRIPTION	MATIERE / MATERIAL	COULEUR / COLOUR	REFERENCE MVL / MVL'S REFERENCE	REFERENCE DELPHI / DELPHI'S REFERENCE	

CONTACTS DCS-2
FEMALE TERMINAL DCS-2

CLIPS DCS 2 / CONTACTS DCS 2					
CLIP DCS2 2,8x0,8 SECTION 0,22-0,35 mm ² FEMALE TERMINAL DCS-2 2,8x0,8 SECTION 0,22-0,35 mm ²	CuSn/CrNi	Sn	6 001 29 11	10811324	
CLIP DCS2 2,8x0,8 SECTION 0,50-1,00 mm ² FEMALE TERMINAL DCS-2 2,8x0,8 SECTION 0,50-1,00 mm ²	CuSn/CrNi	Sn	6 001 29 31	10789065	
CLIP DCS2 2,8x0,8 SECTION 1,00-2,50 mm ² FEMALE TERMINAL DCS-2 2,8x0,8 SECTION 1,00-2,50 mm ²	CuSn/CrNi	Sn	6 001 29 41	10779097	
JOINT UNITAIRE SUR FIL POUR DCS 2 SINGLE WIRE SEAL (SWS)					
BOUCHON CAP	SILICONE	VERT GREEN	6 099 40 07	10779160	
JOINT UNITAIRE SUR FIL Ø ISOLANT FIL 1,20-2,00 SINGLE WIRE SEAL (SWS) Ø INSULATION WIRE 1,20-2,00	SILICONE	BLEU BLUE	6 099 40 15	10779162	
JOINT UNITAIRE SUR FIL Ø ISOLANT FIL 2,00-2,70 SINGLE WIRE SEAL (SWS) Ø INSULATION WIRE 2,00-2,70	SILICONE	ROUGE RED	6 099 40 23	10779159	
JOINT UNITAIRE SUR FIL Ø ISOLANT FIL 2,70-2,90 SINGLE WIRE SEAL (SWS) Ø INSULATION WIRE 2,70-2,90	SILICONE	JAUNE YELLOW	6 099 40 34	10779161	
DESIGNATION DESCRIPTION	MATIERE/ MATERIAL	COULEUR/ COLOUR	REFERENCE MVL/ MVL'S REFERENCE	REFERENCE DELPH/ DELPH'S REFERENCE	

ECHELLE 1:1 SCALE 1:1 TOLERANCES ±0.08		
	COULEUR / COLOUR JAUNE / YELLOW	GRIS / GREY
REFERENCE MVL MVL'S REFERENCE	240 PC 02 3S 4 0 19	240 PC 02 3S 8 0 19
REFERENCE DELPHI DELPHI'S REFERENCE	10810649	33523196



PORTE-CLIPS FEMALE HOUSING	PBT 0% FV PBT 0% GF	NOIR/ BLACK	240 I 0 013
GRILLE TPA	PBT 30% FV PBT 30% GF	JAUNE/ YELLOW GRIS/ GREY	240 M 4 031 240 M 8 031
JOINT INTERFACIAL INTERFACIAL SEAL	SILICONE	BLEU/ BLUE	240 M 041
DESIGNATION DESCRIPTION	MATIERE/ MATERIAL	COULEUR/ COLOUR	REFERENCE MVL/ MVL S REFERENCE

[illegible]

D

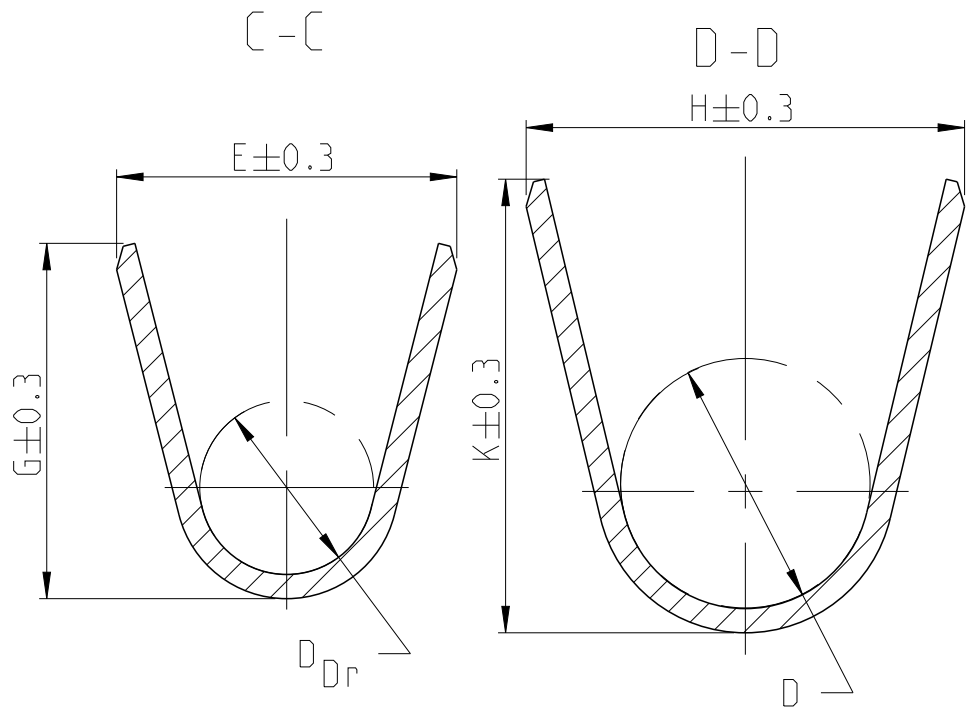
C

B

A

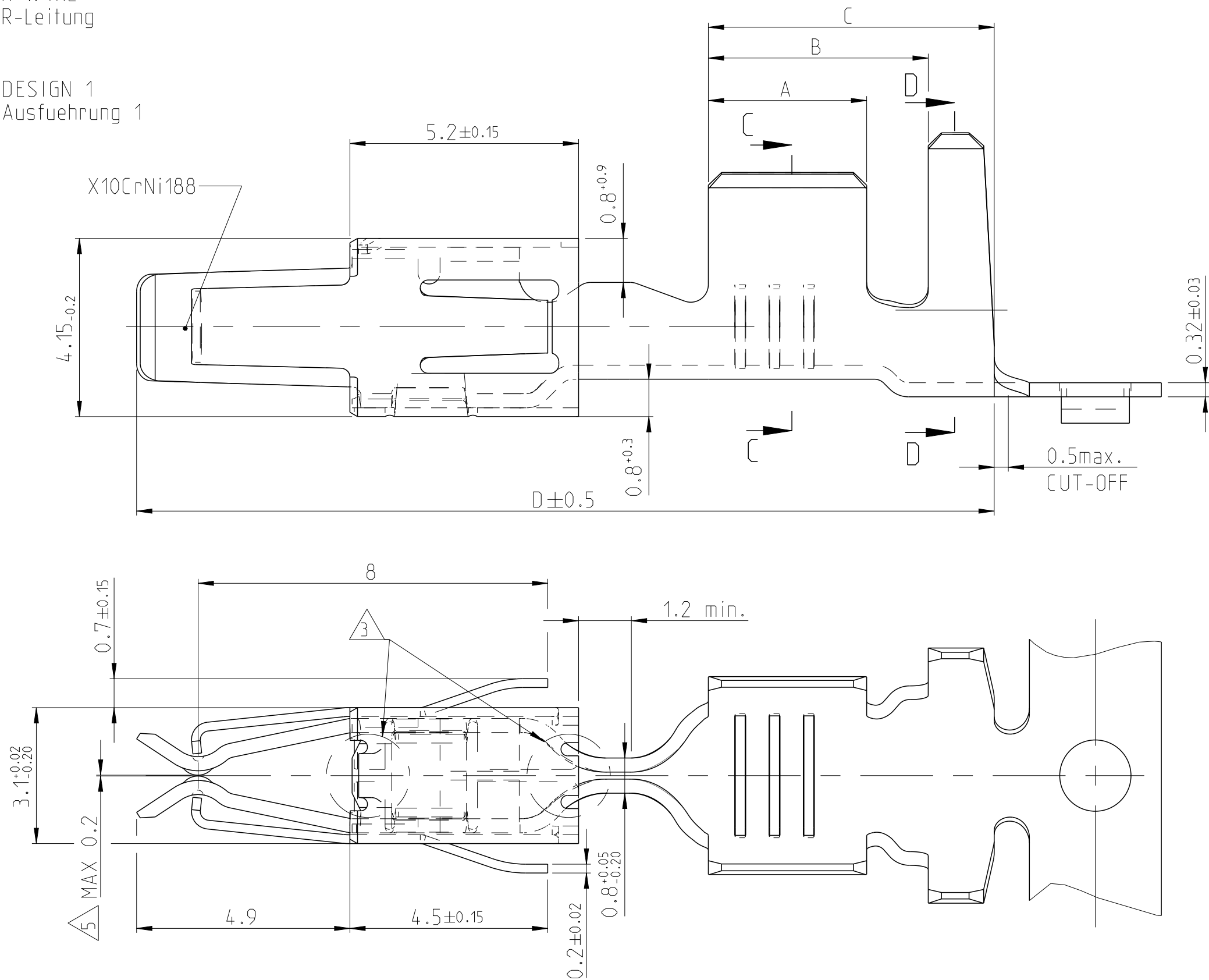
UNSEALED/ ungedichtet														SEE APPLICATION - SPECIFICATION siehe Veranlassungsspezifikation 114-18050
1241978-2	A	1	CuSn 4	PRET INNED vorverz.innt	>2.5-4.0	2.7-3.7	E = 4.5 G = 4.7 D _{Dr} = 2.3	H = 5.8 K = 6.0 D = 3.3	3.6	5.0	6.5	19.5		
1241978-1	A		CuFe2	PRET INNED vorverz.innt										
4-965999-1	F		CuNiSi	⚠										
2-965999-1	F	1	CuSn 4	⚠	>1.0-2.5	2.2-3.0	E = 3.6 G = 3.8 D _{Dr} = 1.8	H = 4.7 K = 4.9 D = 2.6	3.3	4.3	5.8	18.8		
965999-6	A		CuSn 4	⚠										
965999-2	F		CuSn 4	PRET INNED vorverz.innt										
965999-1	F		CuFe2	PRET INNED vorverz.innt										
4-964284-1	F	1	CuNiSi	⚠	0.5-1.0	1.4-2.1	E = 2.5 G = 2.7 D _{Dr} = 1.2	H = 3.7 K = 3.9 D = 1.8	3.0	4.0	5.5	18.8		
2-964284-1	F		CuSn 4	⚠										
964284-6	A		CuSn 4	⚠										
964284-2	F		CuSn 4	PRET INNED vorverz.innt										
964284-1	F		CuFe2	PRET INNED vorverz.innt										
2-2141892-1 ⚠	A	2	CuSn 4	⚠	0.35	1.2-1.3	E = 2.4 G = 2.3 D _{Dr} = 1.0	H = 2.9 K = 2.9 D = 1.4	2.5	3.5	5.6	18.8		
2141892-2 ⚠	A		CuSn 4	PRET INNED vorverz.innt										
2-964280-1	F	3	CuSn 4	⚠	0.2-0.5	1.15-1.6	E = 2.1 G = 2.1 D _{Dr} = 0.8	H = 2.7 K = 2.8 D = 1.4	2.5	3.5	5.6	18.8		
964280-2	F		CuSn 4	PRET INNED vorverz.innt										
964280-1	F		CuFe2	PRET INNED vorverz.innt										
2-1564326-1 ⚠	A	4	CuSn 4	⚠	0.35	1.2-1.3	E = 2.4 G = 2.3 D _{Dr} = 1.0	H = 4.85 K = 4.5 D = 3.2	2.5	4.7	6.3	19.55		
1241872-1 ⚠	A	5	CuFe2	PRET INNED vorverz.innt	>1.0-2.5	2.2-3.0	E = 3.6 G = 3.8 D _{Dr} = 1.8	H = 5.3 K = 5.0 D = 3.5	3.5	5.2	6.8	19.55		
1241868-1 ⚠	A	5	CuFe2	PRET INNED vorverz.innt	0.5-1.0	1.4-2.7	E = 2.5 G = 2.7 D _{Dr} = 1.2	H = 5.1 K = 4.8 D = 3.3	3.0	4.7	6.3	19.55		
4-1241864-1 ⚠	A	6	CuNiSi	⚠	0.2-0.5	1.2-2.3	E = 2.1 G = 2.1 D _{Dr} = 0.8	H = 4.7 K = 4.5 D = 3.2	2.5	4.7	6.3	19.55		
6-964273-6	F	5	CuSn 4	⚠ ⚠	>1.0-2.5	2.2-3.0	E = 3.6 G = 3.8 D _{Dr} = 1.8	H = 5.3 K = 5.0 D = 3.5	3.5	5.2	6.8	19.55		
3-964273-1	F		CuNiSi	⚠										
2-964273-1	F		CuSn 4	⚠										
964273-2	F		CuSn 4	PRET INNED vorverz.innt										
964273-1	F		CuFe2	PRET INNED vorverz.innt										
6-964286-6	F	5	CuSn 4	⚠ ⚠	0.5-1.0	1.4-2.7	E = 2.5 G = 2.7 D _{Dr} = 1.2	H = 5.1 K = 4.8 D = 3.3	3.0	4.7	6.3	19.55		
2-964286-1	F		CuSn 4	⚠										
964286-2	F		CuSn 4	PRET INNED vorverz.innt										
964286-1	F		CuFe2	PRET INNED vorverz.innt										
2-2141894-1 ⚠	A	4	CuSn 4	⚠	0.35	1.2-1.3	E = 2.4 G = 2.3 D _{Dr} = 1.0	H = 4.85 K = 4.5 D = 3.2	2.5	4.7	6.3	19.55		
2141894-2 ⚠	A		CuSn 4	PRET INNED vorverz.innt										
6-964282-6	F	6	CuSn 4	⚠ ⚠	0.2-0.5	1.2-2.3	E = 2.1 G = 2.1 D _{Dr} = 0.8	H = 4.7 K = 4.5 D = 3.2	2.5	4.7	6.3	19.55		
2-964282-1	F		CuSn 4	⚠										
964282-2	F		CuSn 4	PRET INNED vorverz.innt										
964282-1	F		CuFe2	PRET INNED vorverz.innt										

TE ORDER NO. STRIP FORM Bandware	REV.	DESIGN Ausfuhrung	MATERIAL Werkstoff	SURFACE Oberflaeche	WIRE RANGE Drahtgroessen Bereich [mm²]	INSULATION Isolations Ø [mm]	STRIP FORM WIRE CRIMP INSUL.-CRIMP Drahtcrimp so.-Crimp Bandware		A	B	C	D	CRIMP DATA AND CRIMP TOOL Crimpdaten u. Crimpwerkzeuge
							CRIMP DIMENSION (mm) Crimpabmessungen (mm)						

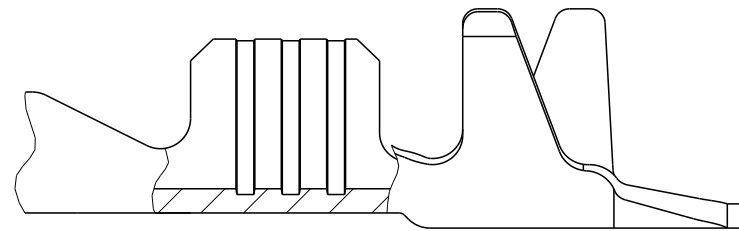


FLR-WIRE
FLR-Leitung

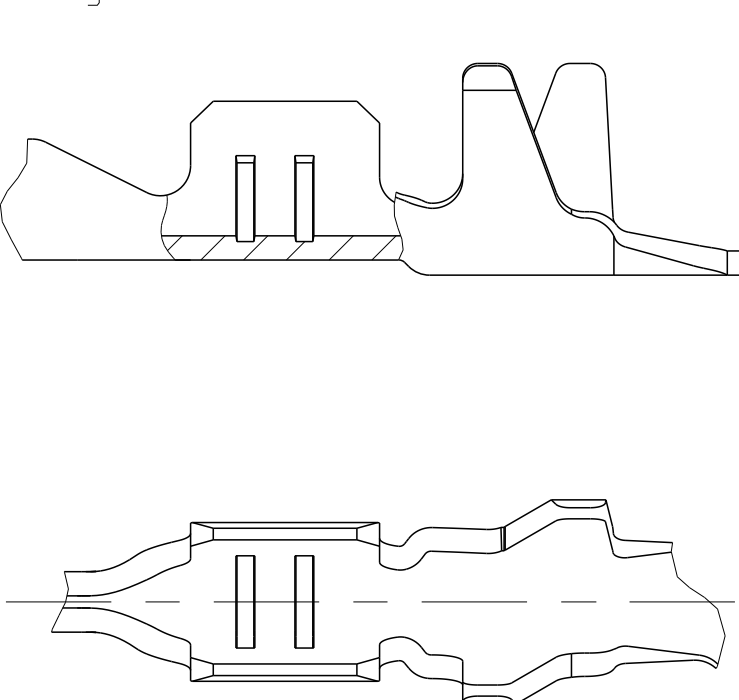
DESIGN 1
Ausführung 1



DESIGN 2
Ausführung 2

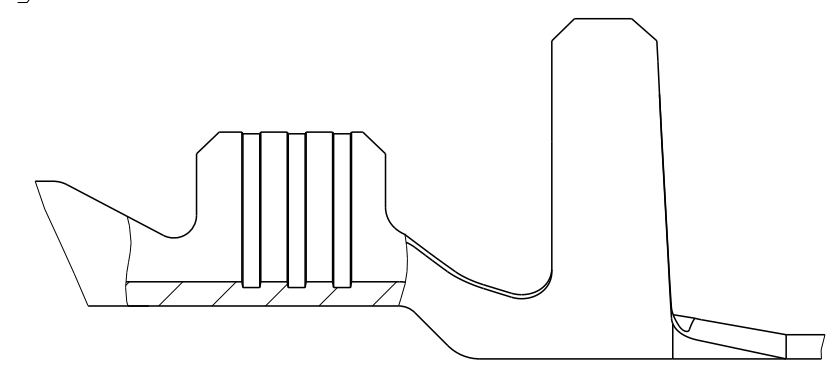


DESIGN 3
Ausführung 3

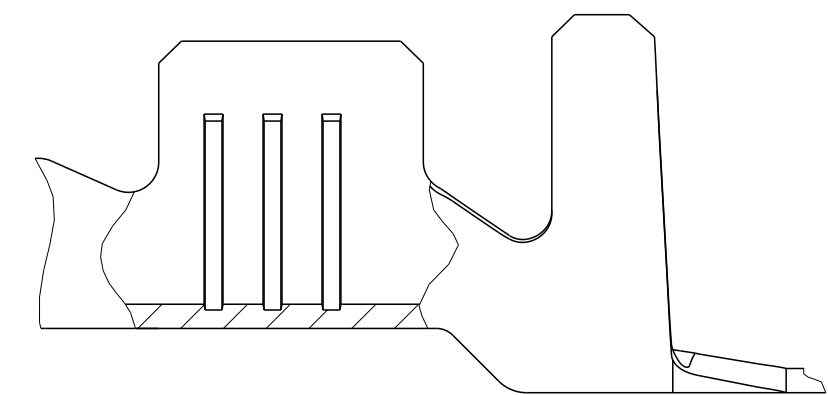


FLR- AND FLK-CABLE
FLR- und FLK- Leitung

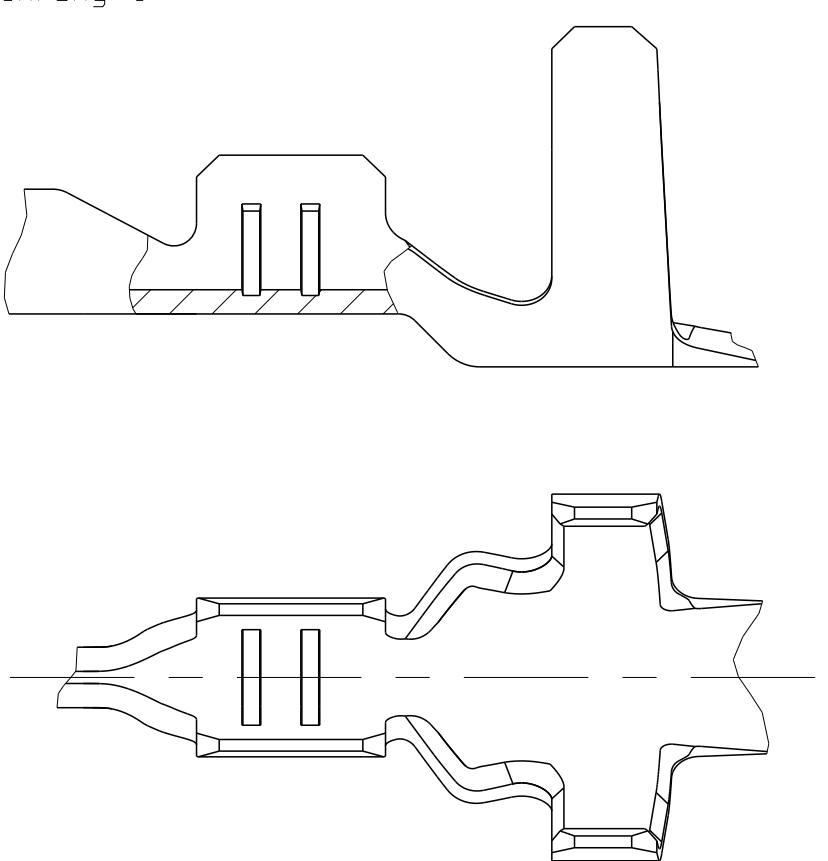
DESIGN 4
Ausführung 4



DESIGN 5
Ausführung 5



DESIGN 6
Ausführung 6



△ BODY ELECTRO TIN PLATED OVER NICKEL 0.2 µm min.
Kontaktkörper galv. verzinkt ueber Nickel 0.2 µm min.
CONTACT AREA SELECTIV GOLD OVER NICKEL 0.8 µm min.
Kontaktzone selektiv vergoldet ueber Nickel 0.8 µm min.
WIRE CRIMP AREA ELECTRO TIN PLATED 1 µm min.
Drahtcrimpbereich galv. verzinkt 1 µm min.

△ ACCORDING INSULATION DIA IS TO CHOOSE THE SINGLE WIRE SEAL
Entsprechend dem Isolationsdurchmesser ist die Einzel-Dichtung auszuwaehlen

△ CUT OFF OPTIONAL
Optionaler Federabschnitt

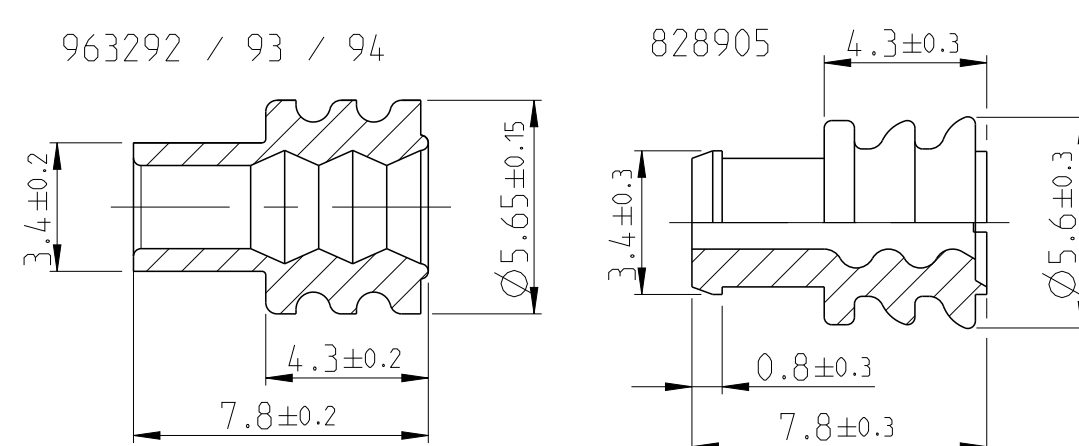
△ VARIANTS WITH GAP-SIZE 0.3mm
Varianten mit Gap-Size 0.3mm

△ FOR EVALUATION OF THE GAP-SIZE, THE MATING-FORCE HAS PRIORITY.
Zur Beurteilung des Oeffnungsmasses ist die Steckkraft ausschlaggebend

△ CONTACT BODY PRE-SILVER PLATED MIN. 0.8µm
CONTACT ZONE SELECTIVE PRE-SILVER PLATED MIN. 3µm
Kontaktkoerper vorversilbert min. 0.8µm
Kontaktzone selektiv vorversilbert min. 3µm

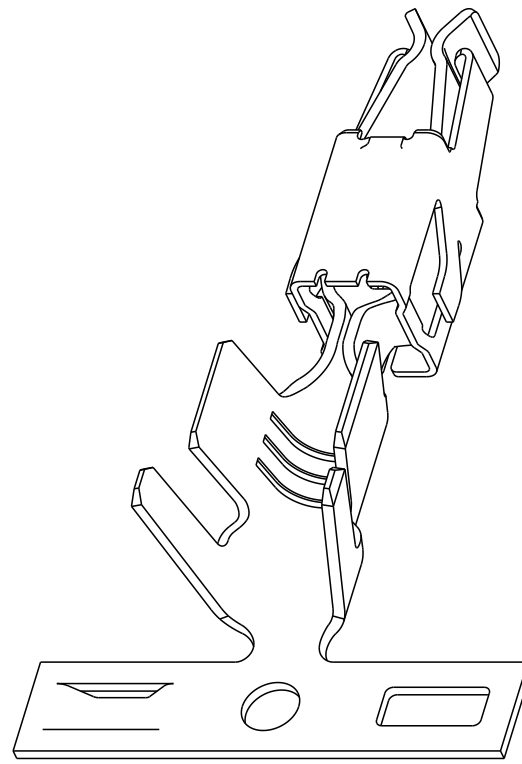
△ PUNCHED WITH VOLATILIZING STAMPING-OIL
Gestanz mit vertuechtigendem Stanzoel

△ SERRATIONS OVER THE WHOLE WIDTH OF THE CRIMP AREA
Rillen ueber die ganze Breite des Crimpbereichs.

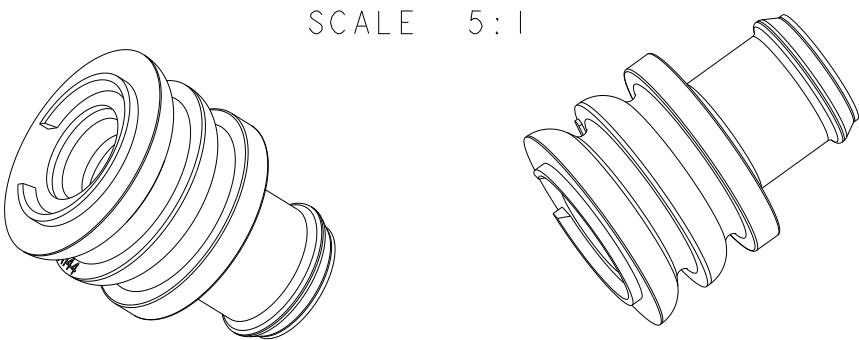
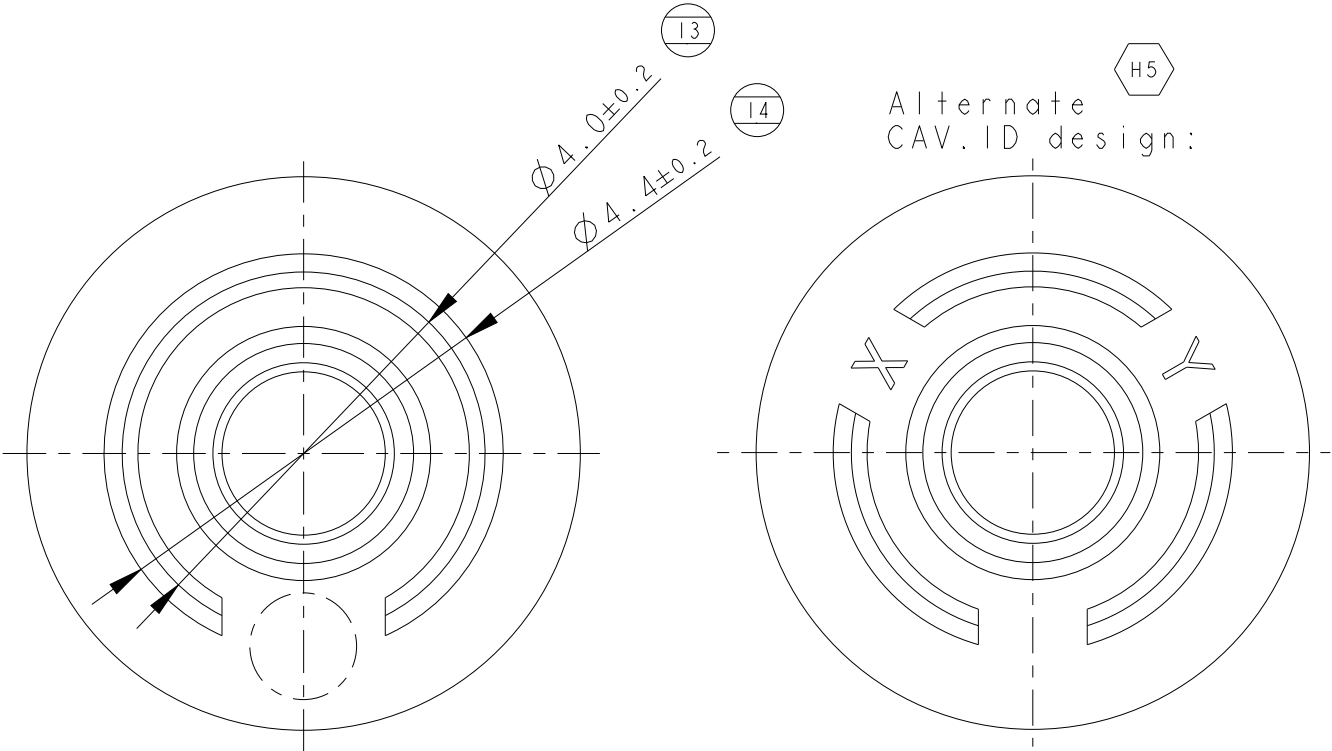
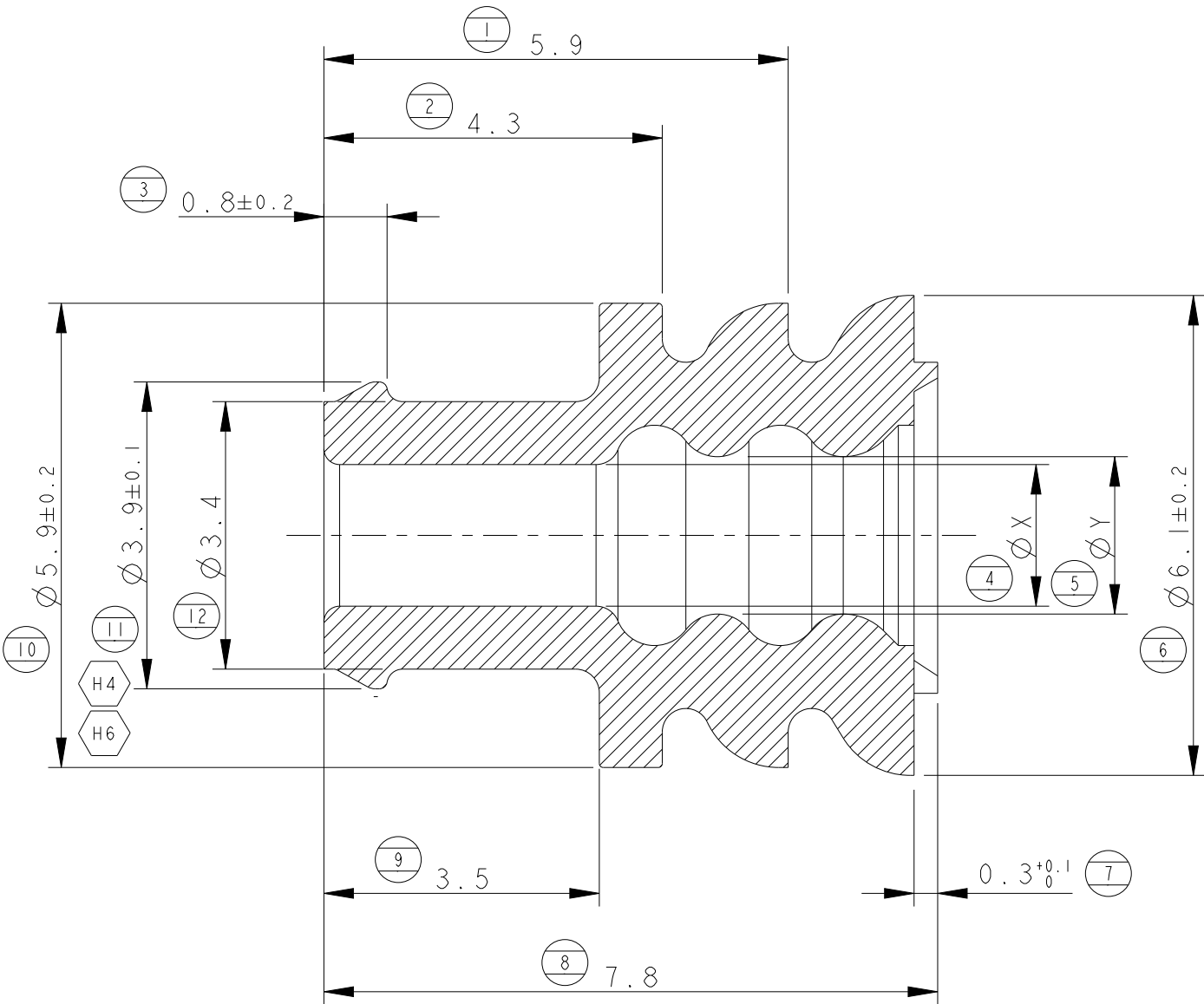


SINGLE WIRE SEAL Einzel-Dichtung		
963292-1	2.7-3.0	yellow gelb
963293-1	2.0-2.7	redbrown rotbraun
963294-1	1.2-2.1	blue blau
828905-1	2.2-3.0	white weiss
ORDER No. Bestell-Nr.	INSULATION Ø Isolations Ø	COLOUR Farbe

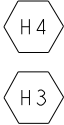
5:1

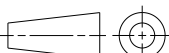


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H3	ECR-23-169886	17APR2023	BV	GB
	H4	(5- -3) added & DIM.II Tolerance changed.	13MAY2025	BV	SZG
	H5	Alternate CAV.ID design added.	11SEP2025	BV	GB
	H6	Drawing error (DIM.II) was fixed	23SEP2025	BV	GB



same as 281934-3	same as 281934-3	same as 281934-3	YELLOW	LSR	H	5-281934-3
same as 281934-2	same as 281934-2	same as 281934-2	YELLOW	LSR	H	5-281934-2
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		H	281934-3
1.7 - 2.4	1.4±0.2	1.4±0.2	YELLOW		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		 TE Connectivity					
		CHK A.BRUNI 05-'92							
		APVD -							
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SINGLE WIRE SEAL					
		0 PLC ±0.3							
		1 PLC ±0.3							
		2 PLC ±-							
		3 PLC ±-							
4 PLC ±-		APPLICATION SPEC		SIZE A3					
ANGLES ±2°		-						CAGE CODE -	
MATERIAL		FINISH		DRAWING NO C-281934					
SEE TABLE		-		RESTRICTED TO -					
		-							
Customer Drawing				SCALE 7:1		SHEET 1 OF 1		REV H6	