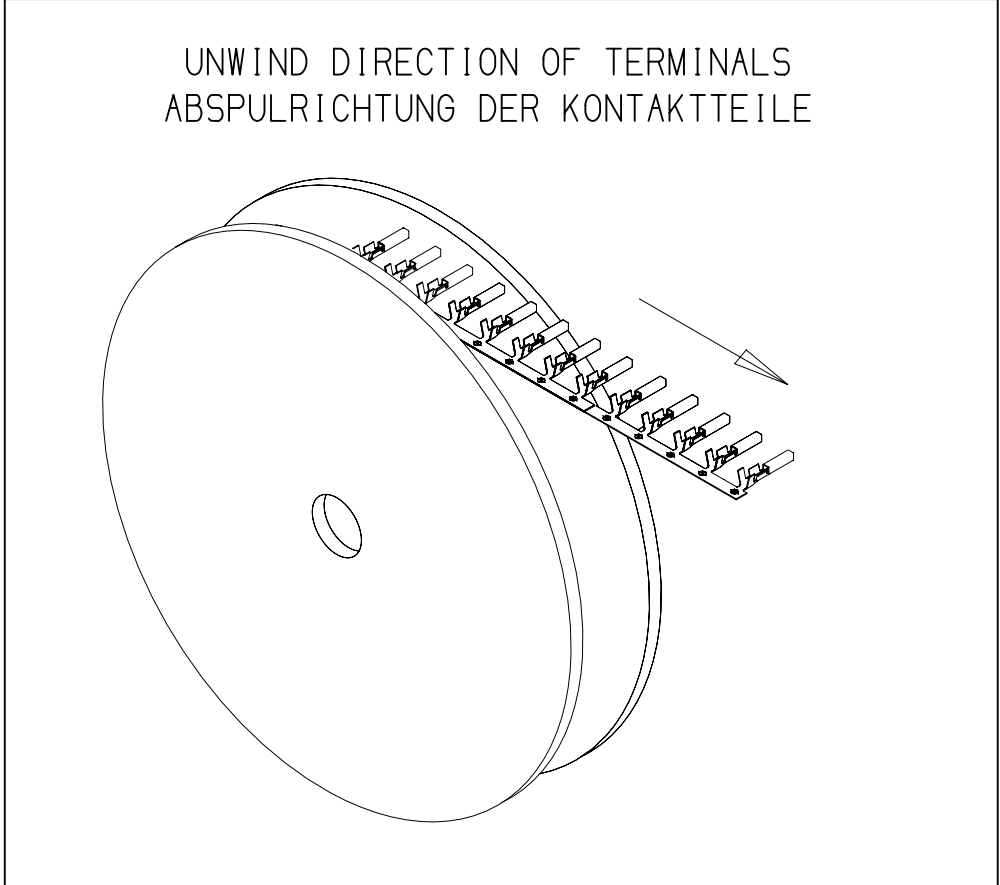




KEY PRODUCT CHARACTERISTICS									
SAFETY/COMPLIANCE		FIT/FUNCTION		TOTAL ON DRAWING		LAST NO. USED		O	
S/C CHECKPOINTS		F/F CHECKPOINTS		RATIONALE		PTS		ZONE	
NO. & TYPE		DESCRIPTION		RATIONALE		PTS		ZONE	
-		-		-		-		-	

ENGAGE FORCE STECKKRAFT (N)	x_2	x_1	L_{MS}	L_1	L_2	L_1	L_M	L_A	$R_2 \pm 0.1$	$R_1 \pm 0.1$	$R_M \pm 0.1$	$R_A \pm 0.1$	$H_2 \pm 0.2$	$H_1 \pm 0.2$	$H_M \pm 0.2$	$H_A \pm 0.2$	$B_2 \pm 0.2$	$B_1 \pm 0.2$	$B_M \pm 0.2$	$B_A \pm 0.2$	
2.5 $\pm$ 1	0.6	0.2	17	6.8	1.9	3.25	1.5	1.5	1.55	.	0.4	0.4	4.4	.	1.4	1.5	4.2	.	1.35	1.45	
2.5 $\pm$ 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.60	.	.	4.4	1.70	.	.	4.2	1.65	.	.	
2.5 $\pm$ 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.75	.	.	4.4	2.25	.	.	4.2	2.20	.	.	
2.5 $\pm$ 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.90	.	.	4.4	2.75	.	.	4.2	2.50	.	.	

ENGAGE FORCE STECKKRAFT (N)	X ₂	X ₁	L _{MS}	L ₁	L ₂	L ₁	L _M	L _A	R ₂ ± 0.1	R ₁ ± 0.1	R _M ± 0.1	R _A ± 0.1	H ₂ ± 0.2	H ₁ ± 0.2	H _M ± 0.2	H _A ± 0.2	B ₂ ± 0.2	B ₁ ± 0.2	B _M ± 0.2	B _A ± 0.2
2.5 ± 1	0.6	0.2	17	6.8	1.9	3.25	1.5	1.5	1.55	.	0.4	0.4	4.4	.	1.4	1.5	4.2	.	1.35	1.45
2.5 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.60	.	.	4.4	1.70	.	.	4.2	1.65	.	.
2.5 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.75	.	.	4.4	2.25	.	.	4.2	2.20	.	.
2.5 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.90	.	.	4.4	2.75	.	.	4.2	2.50	.	.

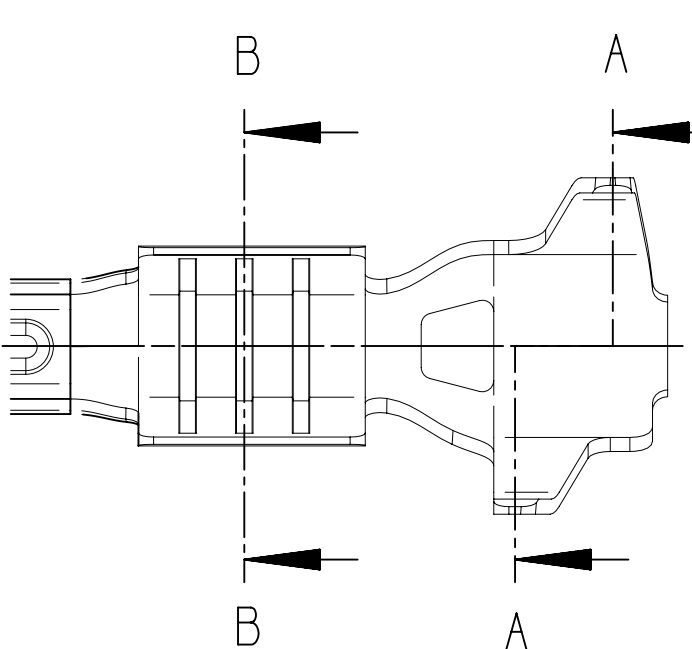
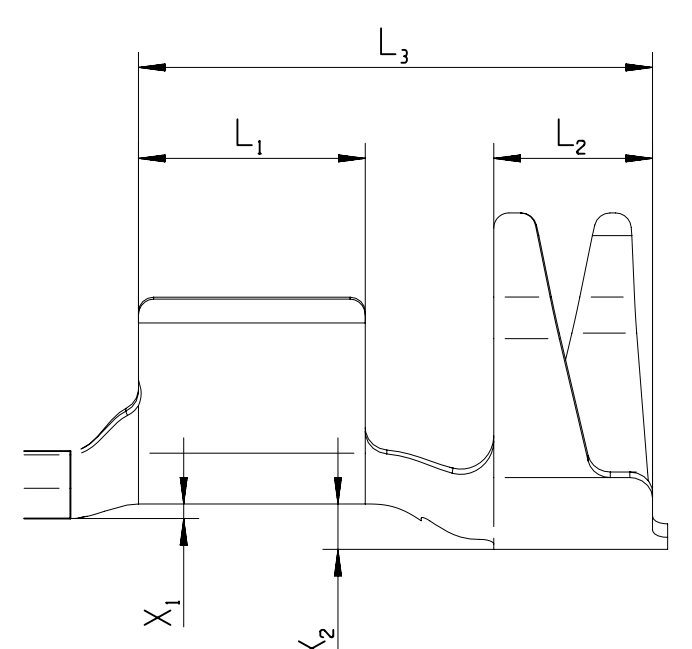
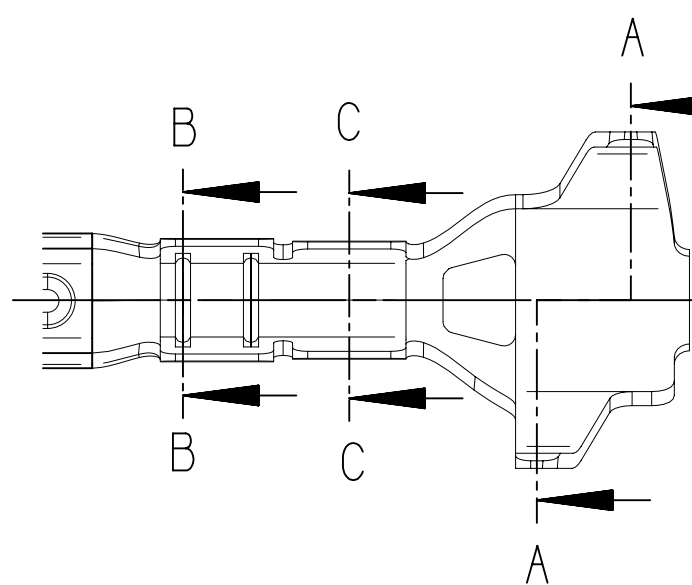
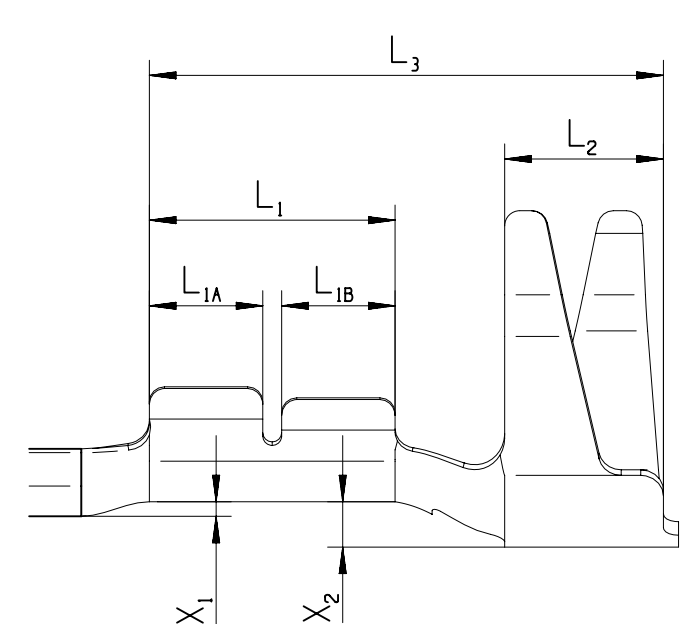
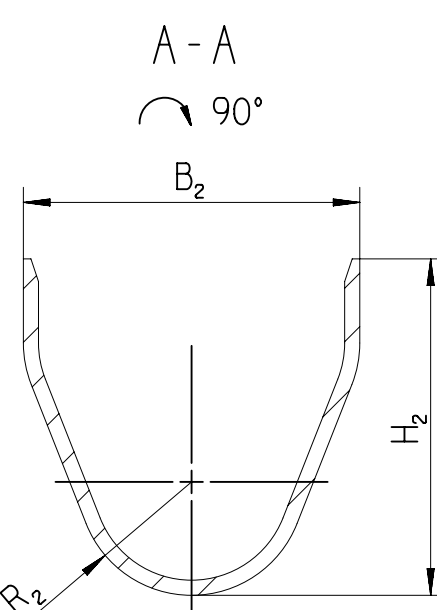
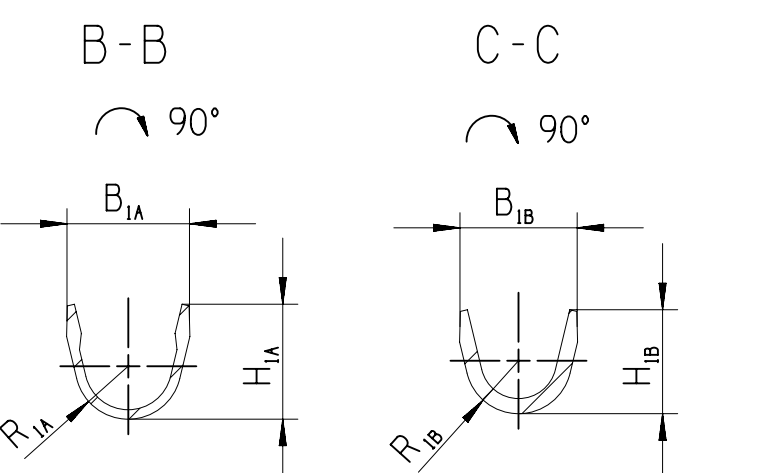
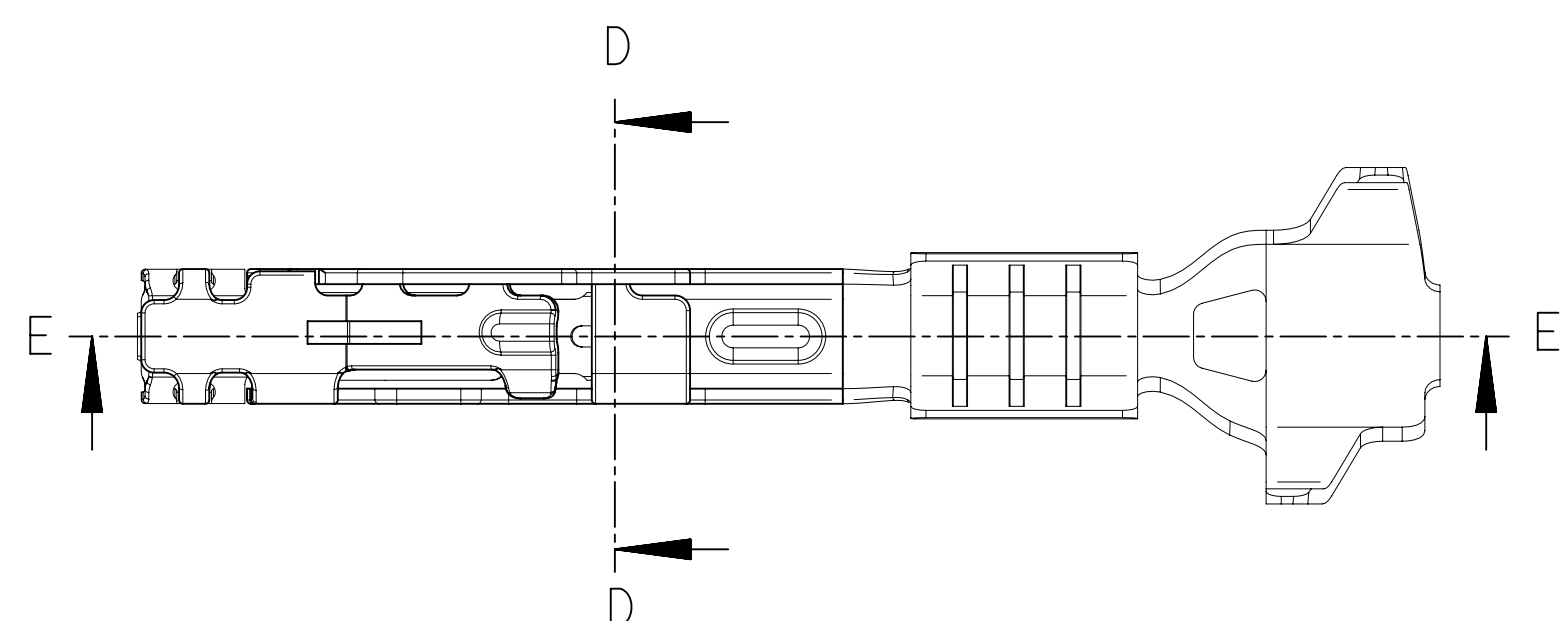
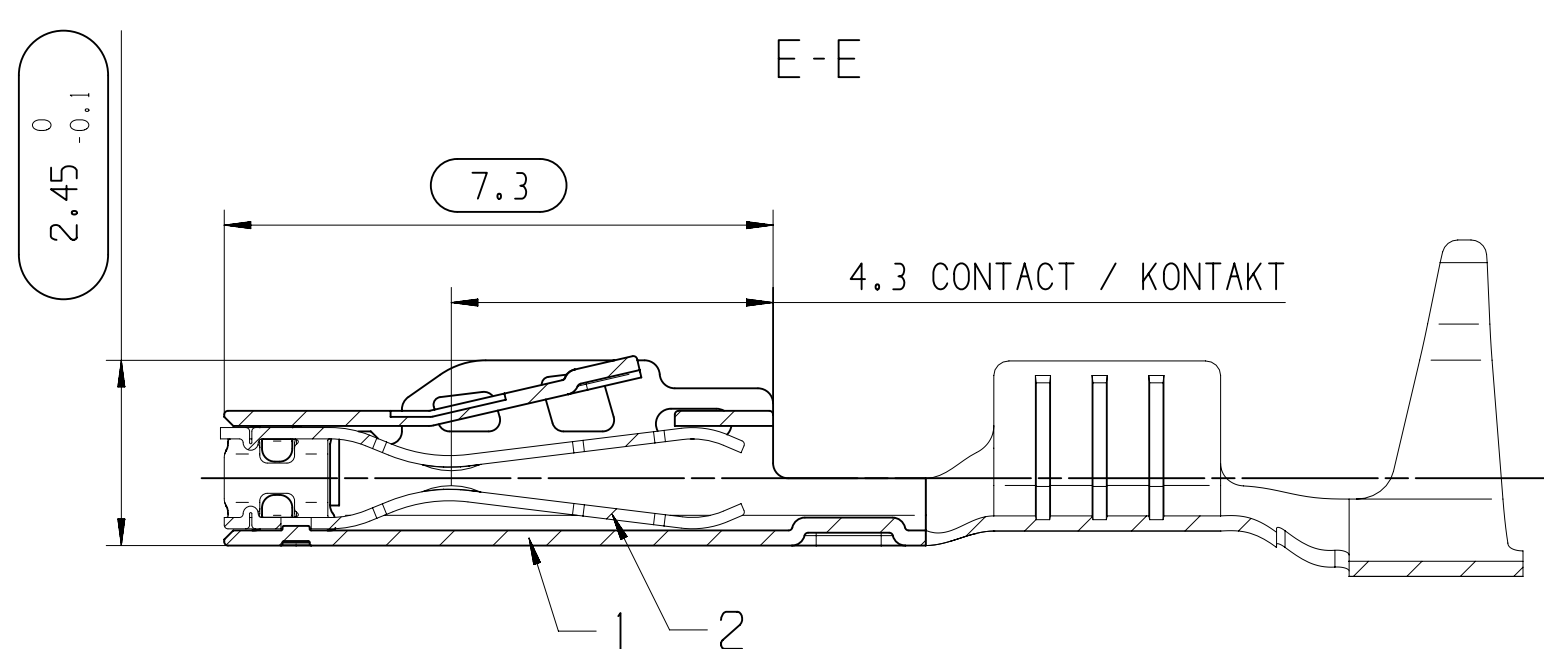
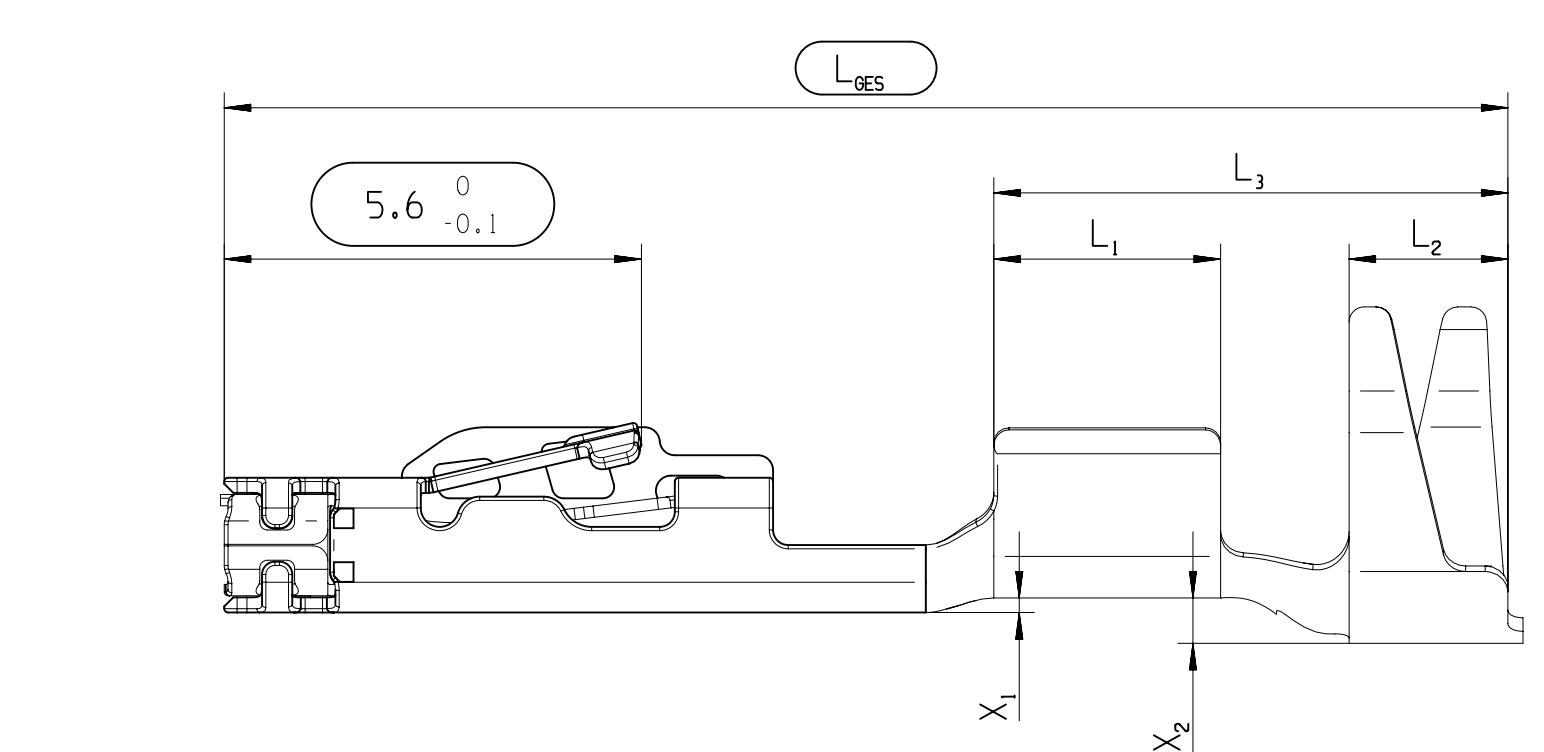
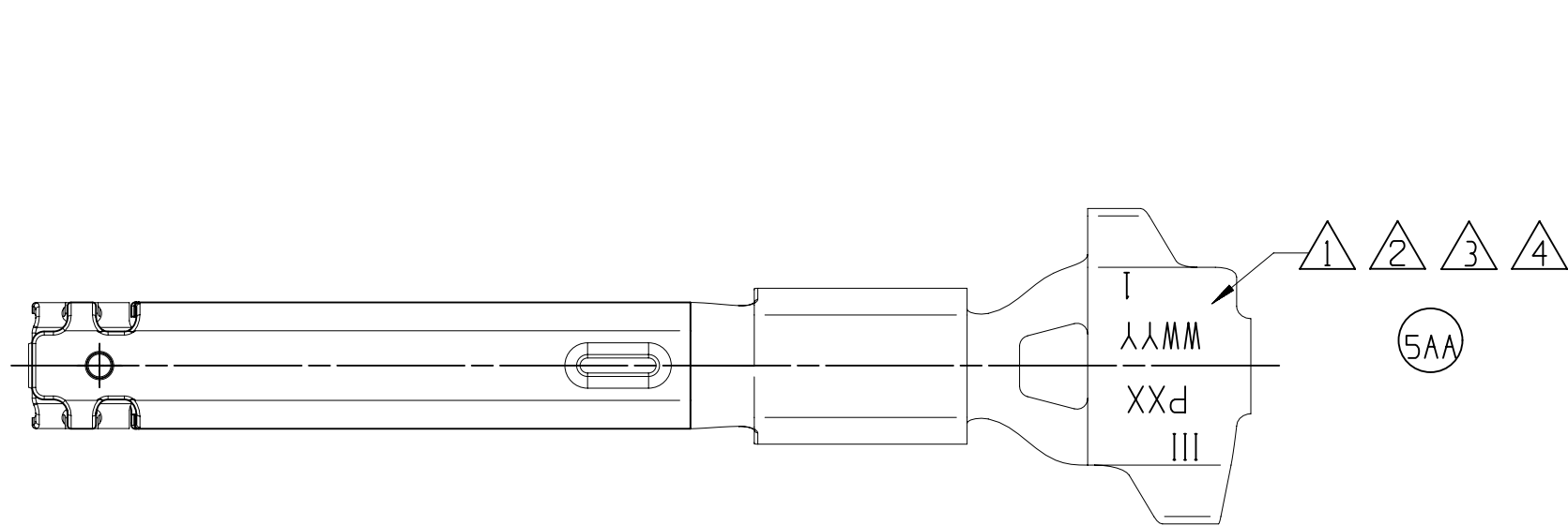
ENGAGE FORCE STECKKRAFT (N)	X ₂	X ₁	L _{MS}	L ₁	L ₂	L ₁	L _M	L _{1A}	R ₂ ± 0.1	R ₁ ± 0.1	R _M ± 0.1	R _A ± 0.1	H ₂ ± 0.2	H ₁ ± 0.2	H _M ± 0.2	H _A ± 0.2	B ₂ ± 0.2	B ₁ ± 0.2	B _M ± 0.2	B _A ± 0.2
3.0 ± 1	0.6	0.2	17	6.8	1.9	3.25	1.5	1.5	1.55	.	0.4	0.4	4.4	.	1.4	1.5	4.2	.	1.35	1.45
3.0 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.60	.	.	4.4	1.70	.	.	4.2	1.65	.	.
3.0 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.75	.	.	4.4	2.25	.	.	4.2	2.20	.	.
3.0 ± 1	0.6	0.2	17	6.8	1.9	3.0	.	.	1.55	0.90	.	.	4.4	2.75	.	.	4.2	2.50	.	.

MATERIAL THICKNESS MATERIALDÜCKE	SURFACE OBERFLÄCHE	MATERIAL WERKSTOFF	CABLE-TYPE LTG.-TYP	CROSS SECTION QUERSCH.	SEAL P/N DICHTUNG	VERSION AUSFÜHR.	POS	SINGLE P/N EINZELTEIL	ASSEMBLY P/N ZUSAMMENBAU	PART- REV	DATE DATUM
0.2± 0.005	FSn3	CU5N4	FLMY-A	0.08-0.18	33120594	SEALED	1	13959104	13959117	03	12MR14
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	0.22-0.35	13887349	SEALED	2	13948562	13959120	03	12MR14
0.2± 0.005	FSn3	CU5N4	FLRY	0.5-0.75	15327913	SEALED	1	13959107	13959141	04	09MY17
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	1.0	13887349	SEALED	2	13948562	35555156	01	07AP21
0.2± 0.005	FSn3	CU5N4	FLRY	1.0	15327918	SEALED	1	13959113	35555157	01	07AP21
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	1.0	13887350	SEALED	2	13948562	35555157	01	07AP21

MATERIAL THICKNESS MATERIALDÜCKE	SURFACE OBERFLÄCHE	MATERIAL WERKSTOFF	CABLE-TYPE LTG.-TYP	CROSS SECTION QUERSCH.	SEAL P/N DICHTUNG	VERSION AUSFÜHR.	POS	SINGLE P/N EINZELTEIL	ASSEMBLY P/N ZUSAMMENBAU	PART- REV	DATE DATUM
0.2± 0.005	FSn3	CU5N4	FLMY-A	0.08-0.18	33120594	SEALED	1	13959104	13959115	03	12MR14
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	0.22-0.35	13887349	SEALED	2	13948562	13959118	03	12MR14
0.2± 0.005	FSn3	CU5N4	FLRY	0.5-0.75	15327913	SEALED	1	13959107	13959121	04	09MY17
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	1.0	13887350	SEALED	2	13948562	35555157	01	07AP21
0.2± 0.005	FSn3	CU5N4	FLRY	1.0	15327918	SEALED	1	13959113	35555157	01	07AP21
0.15± 0.005	FSn3	CU1N13511Mg	FLRY	1.0	13887350	SEALED	2	13948562	35555157	01	07AP21

DATE	REV	NO	FIGS	ZONE	REVISION HISTORY	AUTH	DR	APVD
10AP13	R	01	--	--	INITIAL RELEASE / SERIENTREIBER	W.PHI	R.BUT	SYS
12MR14	R	02	--	--	CROSS-SECTION 1.0MM WAS/WR 1.1-1.5MM DIN/MASS 2.45-3.1 WAS/WR 2.4-3.1 NOTE/BEACHTUNG 1.1MM/1.5MM NOTE/BEACHTUNG 4. ADDED/HINZU AVAILABLE/VERFÜGBAR	W.PHI	R.BUT	SYS
		03	--	--	NOTE/BEACHTUNG 1.1MM/1.5MM NOTE/BEACHTUNG 4. ADDED/HINZU AVAILABLE/VERFÜGBAR	W.PHI	R.BUT	SYS
14JL16	R	04	--	--	NOTE/BEACHTUNG 1.1MM/1.5MM NOTE/BEACHTUNG 4. ADDED/HINZU AVAILABLE/VERFÜGBAR	W.PHI	R.BUT	SYS
		04	AA	L7	g-Ag WAS/WR sel-Ag	W.PHI	R.BUT	SYS
09MY17	R	05	AA	H11	DIM. CHANGED / MASSE GEÄNDERT: H ₂ 2.25mm / H ₁ 3.05mm / H ₁ 3.05mm WAS 2.10mm H ₂ 2.25mm / H ₁ 3.05mm / H ₁ 3.05mm WAS 2.10mm	PHIL	R.BUT	SYS
01AU17	R	05	AA	H11	TERMINAL MARKING ADJUST ON DRAWING TERMINAL MARKIERUNG ANF. ZEICHNUNG ANGEPASST	PHIL	R.BUT	SYS
28MY18	R	05	AB	L12	ENGAGE FORCE 2.5±1 N WAS 2.0±1 N STECKKRAFT 2.5±1 N WAS 2.0±1 N SEAL GPM 1102594 WAS/WR P222753 ADDED PROCESS SPEC. NO.	PHIL	R.BUT	SYS
30AU19	R	05	AC	J4	SEAL APN 13887349/13887350 ADDED/HINZU ENGAGE FORCE ADDED / STECKKRAFT HINZU REV. AND DATE ADDED /REV. UND DATUM HINZU PROCESS SPEC. ADDED / HINZU	PHIL	R.BUT	SYS
28FE20	R	05	AD	J4	APN SET ACTIVE / APN VERLEIBBAR: 13959116 / 13959119 / 13959145 / 13959134	PHIL	M.POR	SYS
07AP21	R	06	J4	J4	APN 35555156 WAS/WR 13948568 APN 35555157 WAS/WR 1395139 APN 35555158 WAS/WR 1395134 H ₂ 2.25mm WAS/WR H ₁ 3.05mm H ₂ 2.25mm WAS/WR H ₁ 3.05mm	PHIL	M.POR	SYS

BASIC APPLICATION / STANDARD VARIANTE



NOTES / BEMERKUNGEN

- BURRS ACC. DIN 9830-F
SCHNITTGRAT NACH DIN 9830-F
- CRIMP MANUFACTURING PARAMETER AND TOOLING
ACCORDING TO APTIV-SPECIFICATION
CRIMPVERARBEITUNGSPARAMETER UND WERKZEUGE
GEMÄSS APTIV-SPEZIFIKATION
- ENGAGE FORCE: SEE CHART
CHECKED WITH GOUGE NO.: APN 15527317
STECKKRAFT: SIEHE TABELLE
GEMESSEN MIT PRÜFSTIFT NR.: APN 15527317
- PRODUCT SPEC. NO. 13948569-CUS74-S01
PROCESS SPEC. NO. 13948569-CUS75-S01

- INDEX FOR SURFACE: INLAY: Sn1 / Ag11 / Au111
KENNZEICHNUNG OBERFLÄCHE DER INNENFEDER: Sn1 / Ag11 / Au111
- PXX-INDEX ACC. ESD00020
PXX-ZEICHEN NACH ESD00020
- REVISION STATUS OUTSIDE OF ISO CRIMP
REVISIONSSTAND IM AUSSENBEREICH ISO CRIMP
- DATE CODE: WWJJ
DATUMS CODE: WWJJ

TERMINALS ARE APPLICABLE IN COMBINATION WITH KONTAKTEILE SIND EINSETZBAR IN KOMBINATION MIT

- CAVITY DRAWING: KAMMERZEICHNUNGEN: DELPHI CAVITY: ESD 20702
- STANDARD TAB: 1,2 X 0,6mm
NORMSTIFT: 1,2 X 0,6mm
DELPHI ESD 20070/ REV: 01/AD

GENERAL TOLERANCES ACCORDING TO: SEE CHART SIEHE TABELLE

OD&T ACCORDING TO: 150 1011

REFERENCE

FIRST ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

☐ DIM TO CHECK PRUEFWASSE	DIMENSIONAL RANGE (MM)	CHART D
☐ DIM FOR HELP HILFSWASSE	FROM 0 TO 12	> 12
☐ THEORETIC DIM THEORE. MASSE	TOLERANCE UNLESS OTHERWISE SPECIFIED	
	+0.1	+0.2
	ANGULAR TOLERANCE $\pm 2^\circ$	

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