

11		10		9		8		7		6		5		4				
TEILE - NR. PART - NO.		ANSCHLUSS- BEREICH CRIMP SIZE (mm²)	CRIMP- CODE	DRAHTQUER- SCHNITT WIRE SIZE (mm²)	ISOLATION D INSULATION D (mm) ①	L±0.4	DRAHTCRIMP WIRE CRIMP ⑤ CH _C CW _C ±0.05		ISOLATIONS CRIMP INSULATION CRIMP ④⑤ CH _I ±0.05 CW _I ±0.1		LI	EINZELADERDICHUNG (EAA) ④⑤ SINGLE WIRE SEAL (SWS) MVL1-NR. DELPHI FARBE FUER KAMMER-Ø MVL-NO. NO. COLOR FOR CAVITY-Ø				CRIMP- WERKZEUG NR. CRIMPING TOOL NR.		
H	6 001 21 11/14 6 001 29 11/14 6 001 40 11/12 6 001 42 14 6 011 05 11/14 6 011 07 11/14 6 011 07 12 F220300; F198600	>0.22-0.35	0	0.35	1.2-1.4	3.8	1.01±0.03	1.67	3.60	3.80	0.25 ±0.15	6 099 40 15	10779162	BLAU BLUE	ZEICHNUNG 9 001 07 10 5.2±0.15	6 520 04 05 REV. A		
	AWG 22 TXL	1.45-1.65	3.8	1.01±0.03	1.67	3.75	3.87	0.25 ±0.15										
	G	6 001 21 31/34 6 001 29 31/34 6 001 40 31/32 6 001 42 34 6 011 05 31/34 6 011 07 31/34 6 011 07 32 F028600; F320300	0.5-1.0	00	0.50	1.4-1.6	4.3	1.17±0.04	2.07	3.75	3.87	0.4 ±0.2	6 099 40 15	10779162			BLAU BLUE	6 520 04 06 REV. A
		AWG 20 TXL	1.7-2.0	4.3	1.17±0.04	2.08	3.95	3.92	0.4 ±0.2									
		0.75	1.7-1.9	4.3	1.20±0.04	2.08	3.95	3.87	0.4 ±0.2									
		AWG 18 TXL	1.8-2.0	4.3	1.20±0.04	2.08	4.05	3.90	0.4 ±0.2									
1.00		1.9-2.1	4.3	1.25±0.04	2.08	4.15	3.92	0.4 ±0.2										
F		6 001 21 41/44 6 001 29 41/44 6 001 40 41/42 6 001 42 44 6 011 05 41/44; 6 011 07 41/44 6 011 07 42 F128600; F420300	>1.0-2.5	000	AWG 16 TXL	2.05-2.3	4.3	1.45±0.05	2.64	3.60	4.38	0.4 ±0.2			6 099 40 23	10779159		
	1.50	2.2-2.4	4.3	1.55±0.05	2.65	3.60	4.25	0.4 ±0.2										
	AWG 14 TXL	2.0-2.7	4.3	1.60±0.05	2.66	TBD	TBD	0.4 ±0.2										
	2.00	2.3-2.55	4.3	1.58±0.03	2.65	3.75	4.25	0.4 ±0.2										
					2.50	2.7-3.0	4.3	1.75±0.05	2.68	3.75	4.30	0.4 ±0.2	6 099 40 34	10779161	GELB YELLOW			

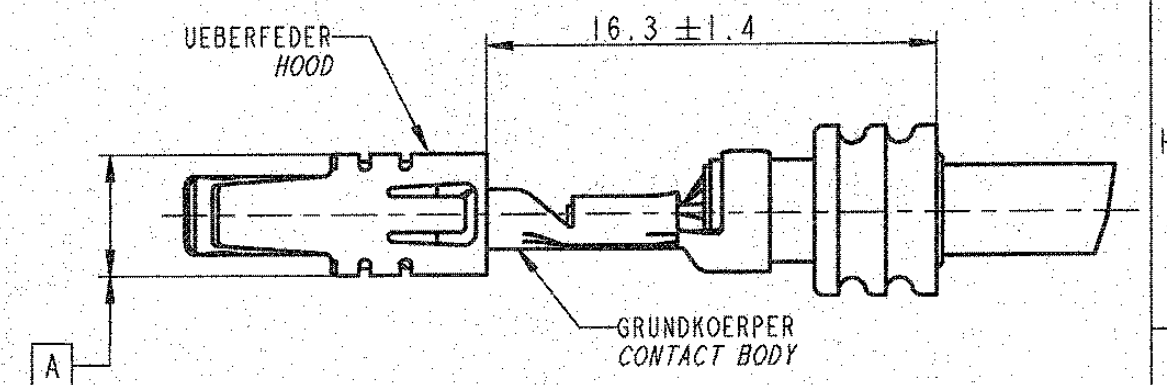


BILD 1: FLACHKONTAKT DCS2-2.8 MIT EAA
PICTURE 1: FEMALE CONTACT DCS2-2.8 WITH SWS

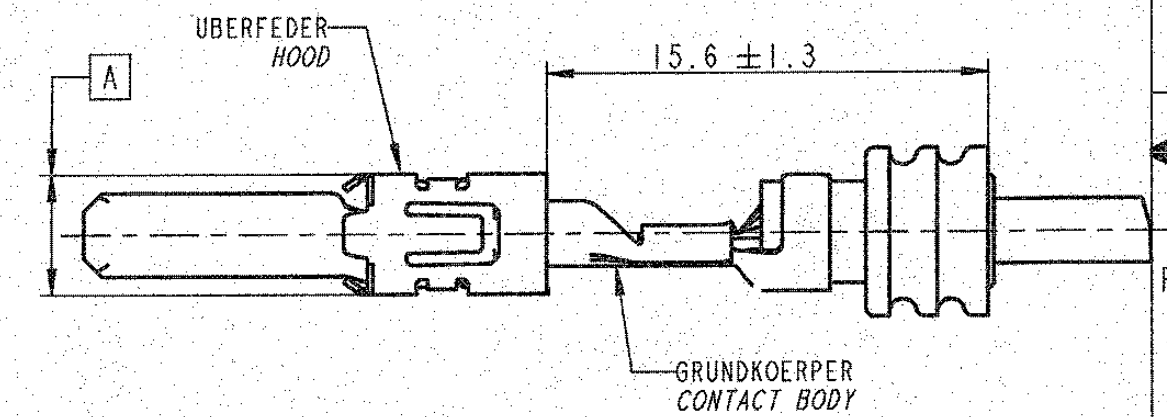
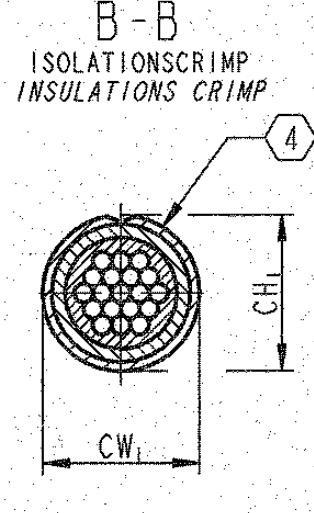
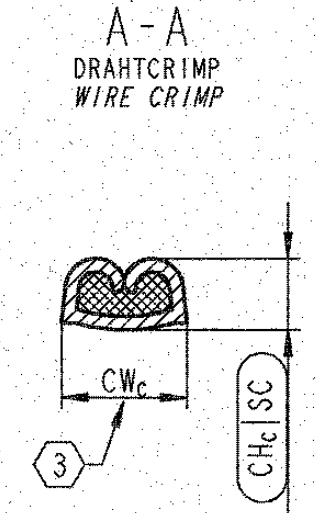
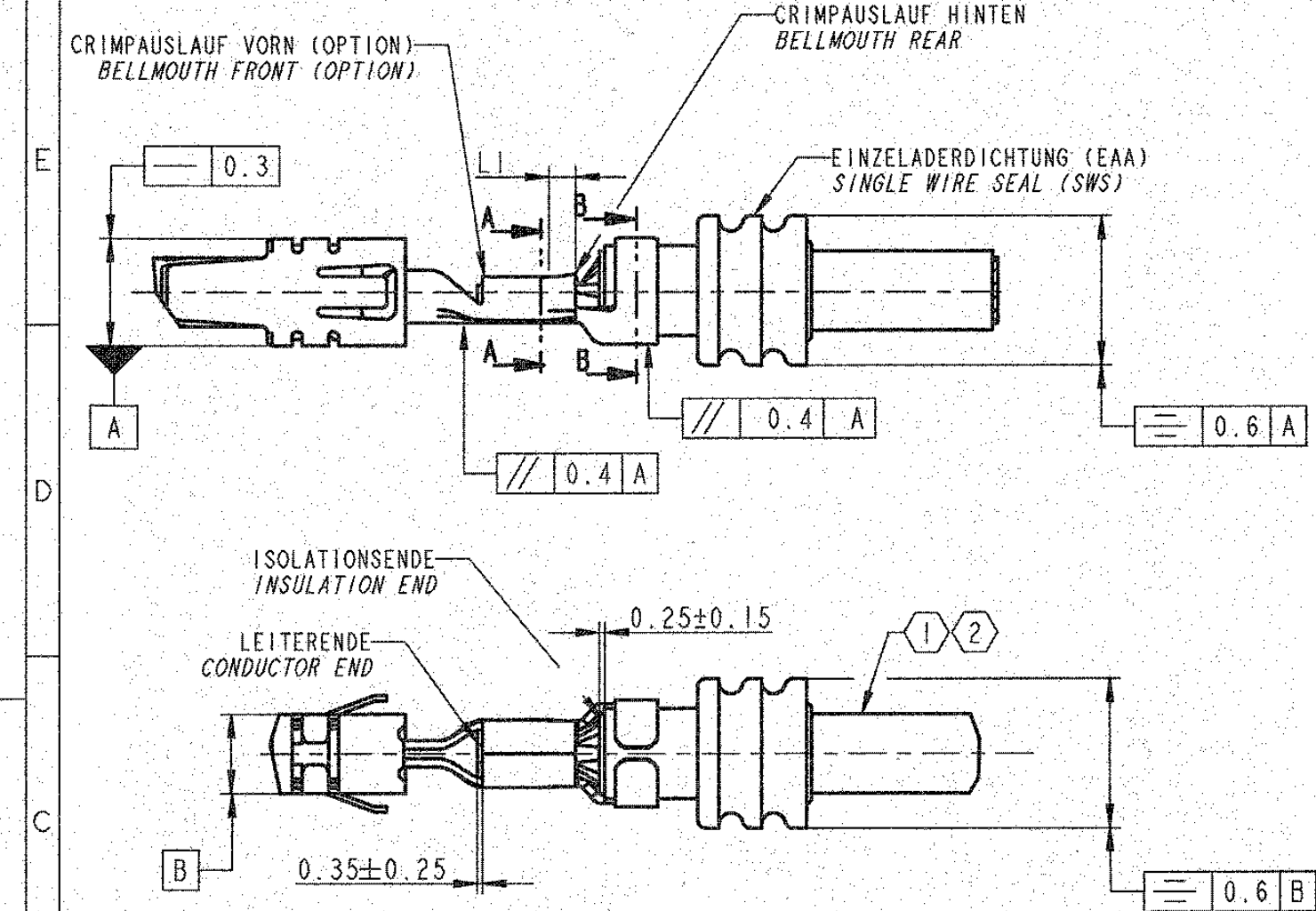
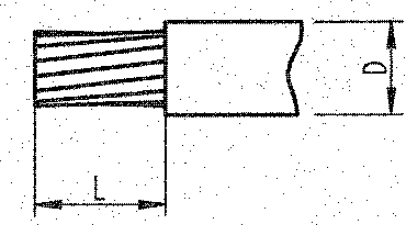


BILD 2: FLACHSTECKER DCS2-2.8 MIT EAA
PICTURE 2: MALE CONTACT DCS2-2.8 WITH SWS



TYP: O-CRIMP
TYP: O-CRIMP

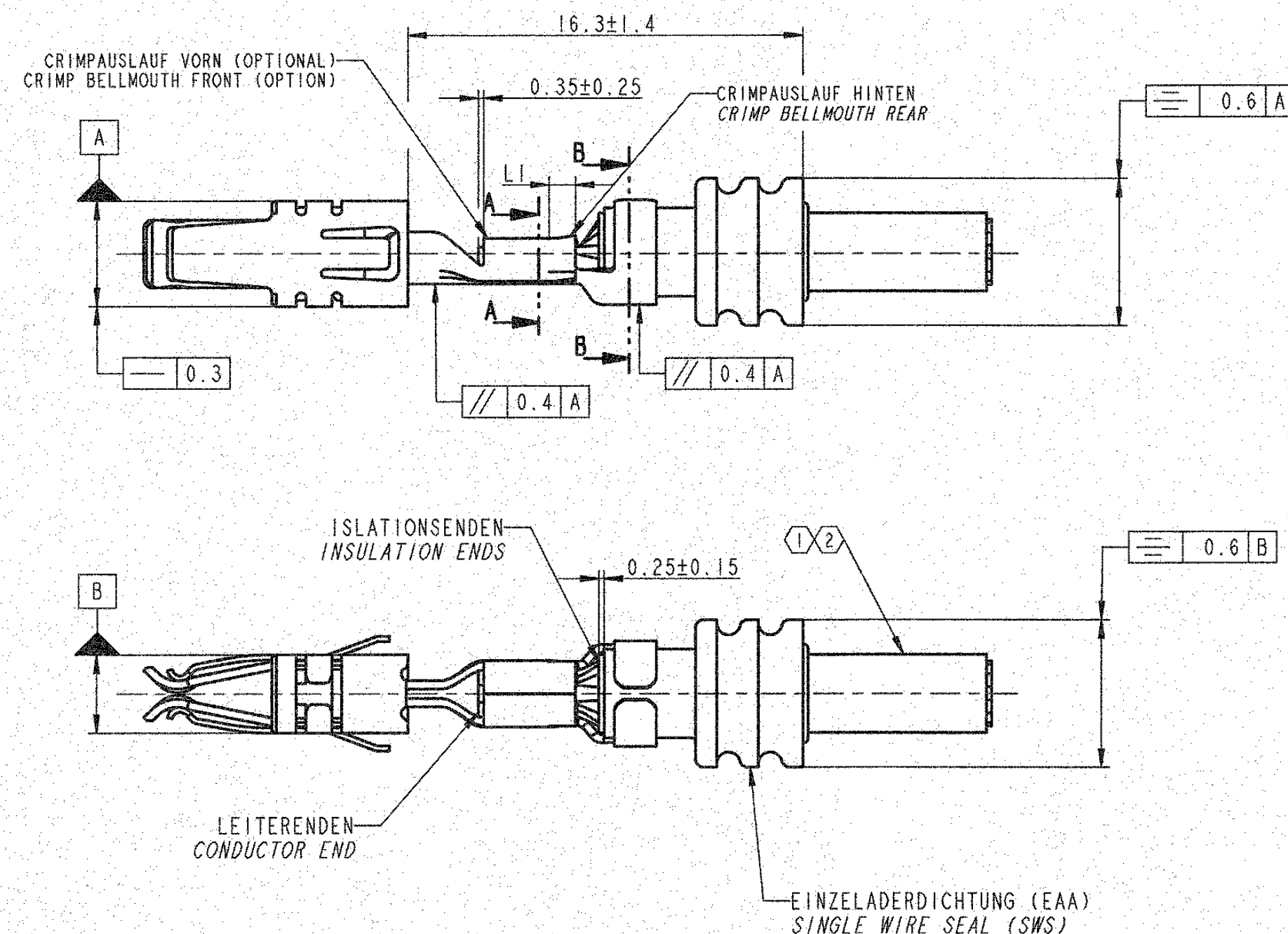


- BEMERKUNGEN / NOTES
- LEITUNGEN NACH I WIRE TYPES TO: FLR DIN 72551-6 AUSGENOMMEN 2mm² und AWG-LEITUNGEN / EXCEPT WIRE SECTION 2mm² AND AWG-CABLES
 - AUSREISSKRAFT DES LEITERS AUS DEM DRAHTCRIMP SIEHE: / EXTRACTION FORCE OF WIRE OUT THE WIRE CRIMP SEE: DIN EN 60 352-2.
 - CW_C EFFEKTIVE CRIMPBREITE DRAHTCRIMP / EFFECTIVE CRIMP WIDTH WIRE CRIMP
 - DIE VERWENDUNG DER EINZELDICHUNGEN IST ABHÄNGIG VOM ISOLATIONS DURCHMESSER DER LEITUNG UND NICHT VOM LEITUNGSQUERSCHNITT. DURCH DEN CRIMPVORGANG DARF DIE EINZELDICHUNG IM BEREICH DES BUNDDURCHMESSERS NICHT EINGESCHNITTEN ODER VERLETZT WERDEN. DRUCKSTELLEN UND MARKIERUNGEN SIND ZULAESSIG, WENN SIE NICHT ZUR RISSBILDUNG ODER DURCHTRENNEN DER DICHUNG FUEHREN.
THE APPLICATION OF SINGLE WIRE SEALS IS DEPENDS ON THE INSULATION DIAMETER AND NOT FROM THE WIRE SECTION. AFTER CRIMPING THE SWS DO NOT HAVE VISIBLE CUTS OR NOTCHES AROUND THE DIAMETER OF COLLAR. ONLY PRESSURE POINTS OR MARKS ALLOWED, WHICH CAN NOT CAUSE TEARING OR SPLITTING OF IN THE LONG TERM.
 - ES GELTEN DIE ALLGEMEINEN RICHTLINIEN ZUR VERARBEITUNG VON KONTAKTEN MIT OFFENEN CRIMPHUELSEN NACH DELPHI-VERARBEITUNGS-SPEZIFIKATION: 9 902 00 20
GENERAL GUIDELINES FOR THE APPLICATION OF CONTACTS WITH OPEN CRIMP BARRELS IS IVALID TO DELPHI SPECIFICATION: 9 902 00 20

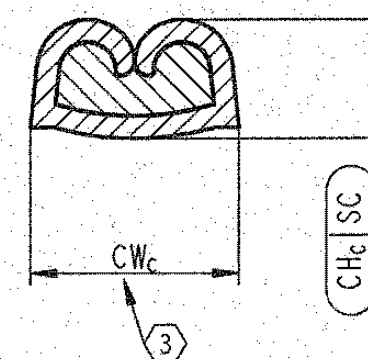
- Pruefmasz
Check dimension
- 100% Pruefmasz (100% Pruefung)
Check dimension (100% Check)
- ISO Sicherheitsrelevantes Masz
Significant characteristic

16-17304	03.03.16	N		NEW REVISION ADAPT TO NEW UPDATES ON PAGE 6	P. Nuetzel	R. Reger	St. Müller	
15-13782	26.11.15	M		Part no. F198600 added; Crimp type for (>0.22-0.35)mm ² was corrected to O-Crimp; CH _I and CW _I for 2mm ² were added; error for coaxiality with value 1 were deleted and substitute by error of symmetric; deviation of straightness was added insul. Ø for 2mm ² was 2.5-2.7 mm; view wrap crimp was deleted	P. Nuetzel	R. Reger	St. Müller	
14-02721	25.02.14	L		NEW REVISION ADAPT TO NEW UPDATES ON PAGE 2; 3; AND 5	St. Müller	P. Nuetzel	F. Pacher	
13-00829	16.07.13	M		CH _C was for 0.35mm ² 1.06±0.03; CH _C was for 1mm ² 1.35±0.05; CH _C was for 0.75mm ² 1.27±0.05; CH _C was for 0.5mm ² 1.2±0.05 CW _C had tolerance±0.25 and were reworked for all versions; CH _I had no tolerance field; CW _I values were as follow : 0.35mm ² : 3.8 ^{+0.2} ; (0.5-1)mm ² : 3.8 ^{+0.25} (>1-2.5)mm ² : 4.2 ^{+0.25} ; CH _I was as follow: for 0.35mm ² 3.9±0.1; for AWG22 TXL (3.8); for 0.5mm ² 3.9±0.15; for AWG20 TXL (3.9); for 0.75mm ² 4±0.15; for AWG18 TXL (3.9); for 1mm ² 4.1±0.15; for AWG16 TXL (4.2); for 1.5mm ² (4.2); for AWG14 TXL (4.2); for 2mm ² (4.2); for 2.5mm ² (4.2); row with Veritas numbers were substitute by Delphi numbers; row application spec. was deleted; note point 4 was reworked; row insulation crimp type was added; revision no. for crimp applic. 6 520 04 07 was A	St. Müller	S. Weiss	J. Muehlmeier	
ECN-NO. ECN NUMBER	DATE DATUM	DD / MM / YY REVISION INDEX	POSITION POSITION	CHANGE DESCRIPTION ÄNDERUNG	DRAWN BY ZEICH.	CHK. BY GEZ.	APPR. BY FÜR.	
PRODUCT SPEC. PRODUKT-SPEZIFIK.	PACKAGING SPEC. VERPACKUNGS-SPEZIFIK.	APPLICATION SPEC. ANWENDUNGS-SPEZIFIK.	COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION IS PROHIBITED. FIRST CHECK FOR UPDATING UNDER THE DELPHI CORPORATION WEBSITE.					
TOLERANCES TOLERANZEN	DIN ISO 2768- mH DIN ISO 1101	MATERIAL : MATERIAL : ...	SURFACE FINISH OBERFLÄCHE		DELPHI DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE BÜRENBERG GERMANY			CAD SYSTEM
COUNTRY NO. GEBIET NR.	---	COLOR : FARBE : ...	---		DIN ISO 15022 ISO PROJECTION ISO-PROJEKTION			pro / eng. ONE SIZE FORMAT A2
DO NOT SCALE DRAWING ZEICHNUNG NICHT VERMESSEN	DATE DATUM	NAME NAME	TITLE BEZEICHNUNG	TOOL NO. Werkzeug Nr.	ECO Loc. Code STANDORT CODE GN	DRAWING NUMBER ZEICHN. NUMBER	SHEET BLATT	
DRAWN BY GEZ.	21.02.14	ST. Müller	CRIMP- SPECIFIC. MALE- AND FEMALE			9 084 11 00	1 of 1	
CHECKED BY GEZ.	21.02.14	P. Nuetzel	DCS2-2.8 FOR APPLICATION WITH SWS					
APPROVED BY GEZ.	24.02.14	S. Weiss	ESR NO. ESR NUMBER	CAT. NO. KATALOG NR.	FILE NAME DATEI NAME	90841100_N	SCALE M: 10:1	

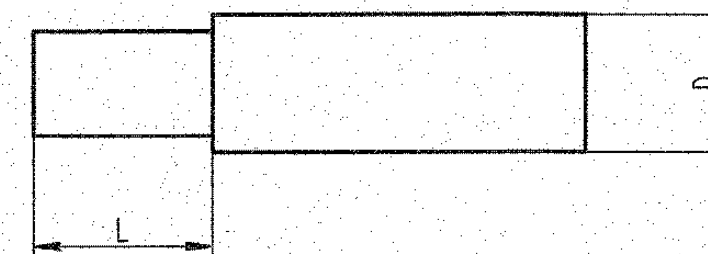
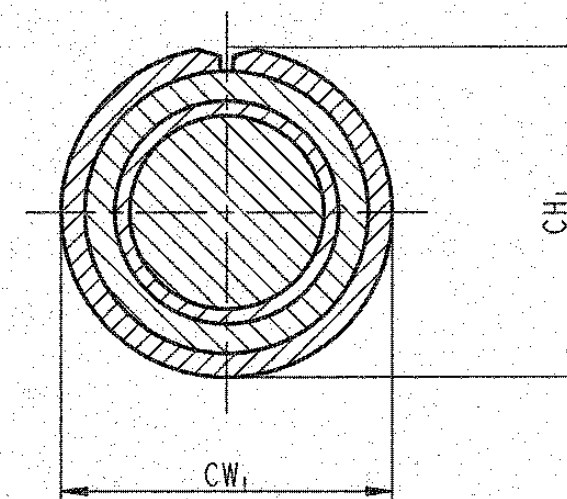
TEILE - NR. PART - NO.	ANSCHLUSS- BEREICH CRIMP SIZE (mm ²)	CRIMP- CODE	DRAHTQUER- SCHNITT WIRE SIZE (mm ²)	ISOLATION D INSULATION D (mm)	L±0.4	DRAHTCRIMP WIRE CRIMP CH _C	CW _C ±0.05	CH _I ±0.05	CW _I ±0.1	ISOLATIONSCRIMP INSULATION CRIMP CRIMP-TYP CRIMP TYPE	LI	MVL-NR. MVL-NO.	DELPHI NO.	FARBE COLOR	FUER KAMMER-Ø FOR CAVITY-Ø	CRIMP- WERKZEUG NR. CRIMPING TOOL NR.
33400871; 33522784; 33522783; 33522782; 33400872; F622510; F722510; F822510	>0.22-0.35	1	0.35	1.2-1.4		1.01±0.03	1.67	3.60	3.80		0.25 ±0.15	6 099 40 15	10779162	BLAU BLUE		6 520 04 46
33400873; 33400874; 33523143; 33523144; 33523145; F922510; F132510; F032510	0.5-1.0	2	0.50 AWG 20 TXL 0.75 AWG 18 TXL 1.00	1.4-1.6 1.7-2.0 1.7-1.9 1.8-2.0 1.9-2.1	4.3 4.3 4.3 4.3 4.3	1.17±0.04 1.17±0.04 1.20±0.04 1.20±0.04 1.25±0.04	2.07 2.08 2.08 2.08 2.08	3.75 3.95 3.95 4.05 4.15	3.87 3.92 3.87 3.90 3.92	O-CRIMP	0.4 ±0.2	6 099 40 15	10779162	BLAU BLUE	ZEICHNUNG 9 001 07 10 5.2±0.15	6 520 04 09
33400875; 33400876; 33523146; 33523147; 33523148; F232510; F332510; F432510	>1.0-2.5	3	AWG 16 TXL 1.50 AWG 14 TXL 2.00 2.50	2.05-2.3 2.2-2.4 2.0-2.7 2.3-2.55 2.7-3.0	4.3 4.3 4.3 4.3 4.3	1.45±0.05 1.55±0.05 1.60±0.05 1.58±0.03 1.75±0.05	2.64 2.65 2.66 2.65 2.68	3.60 3.60 TBD 3.75 3.75	4.38 4.25 TBD 4.25 4.30		0.4 ±0.2	6 099 40 23 6 099 40 34	10779159 10779161	ROT-BRAUN RED-BROWN GELB YELLOW		6 520 04 39



A-A
DRAHTCRIMP
WIRE CRIMP



B-B
ISOLATIONSCRIMP-TYP: O-CRIMP
INSULATION CRIMP-TYPE: O-CRIMP



ABISOLIERLAENGE
STRIP LENGTH

BEMERKUNGEN / NOTES
① LEITUNGEN NACH / WIRE TYPES TO: FLR DIN 72551-6 AUSGENOMMEN 2mm ² und AWG-LEITUNGEN / EXCEPT WIRE SECTION 2mm ² AND AWG-CABLES
② AUSREISSKRAFT DES LEITERS AUS DEM DRAHTCRIMP SIEHE: / EXTRACTION FORCE OF WIRE OUT THE WIRE CRIMP SEE: DIN EN 60 352-2.
③ CW _C EFFEKTIVE CRIMPBREITE DRAHTCRIMP / EFFECTIVE CRIMP WIDTH WIRE CRIMP
④ DIE VERWENDUNG DER EINZELDICHUNGEN IST ABHÄNGIG VOM ISOLATIONSDURCHMESSER DER LEITUNG UND NICHT VOM LEITUNGSQUERSCHNITT. DURCH DEN CRIMPVORGANG DARF DIE EINZELDICHUNG IM BEREICH DES BUNDDURCHMESSERS NICHT EINGESCHNITTEN ODER VERLETZT WERDEN. DRUCKSTELLEN UND MARKIERUNGEN SIND ZULÄSSIG, WENN SIE NICHT ZUR RISSBILDUNG ODER DURCHTRENNEN DER DICHUNG FÜHREN. THE APPLICATION OF SINGLE WIRE SEALS IS DEPENDS ON THE INSULATION DIAMETER AND NOT FROM THE WIRE SECTION. AFTER CRIMPING THE SWS DO NOT HAVE VISIBLE CUTS OR NOTCHES AROUND THE DIAMETER OF COLLAR. ONLY PRESSURE POINTS OR MARKS ALLOWED, WHICH CAN NOT CAUSE TEARING OR SPLITTING OF IN THE LONG TERM.
⑤ ES GELTEN DIE ALLGEMEINEN RICHTLINIEN ZUR VERARBEITUNG VON KONTAKTEN MIT OFFENEN CRIMPHUELSEN NACH Delphi- VERARBEITUNGS-SPEZIFIKATION: 9 902 00 20 GENERAL GUIDLINES FOR THE APPLICATION OF CONTACTS WITH OPEN CRIMP BARRELS IS IVALID TO FCI SPECIFICATION: 9 902 00 20

16-17304	03.03.16	N	NEW REVISION ADAPT TO NEW UPDATES ON PAGE 6	P. Nuetzel	R. Reger	St. Müller
15-13782	26.11.15	M	Table was reworked; crimp range (>0.22-0.35)mm ² with part numbers were added; crimping tool 6 520 04 46 was added; error for symmetry had value 1; insul.-Ø for 2mm ² was 2.5-2.7; reference A was B and reference B was A; deviation of straightness was added	P. Nuetzel	R. Reger	St. Müller
14-02721	25.02.14	M	FIRST EDITION/ NEW PART NUMBER FOR 2 OUT STAMP TOOL ADDED	St. Müller	P. Nuetzel	F. Pacher
ECN-NO. ECN NUMBER	DATE DATUM	DD / MM / YY REVISION INDEX	POSITION POSITION	CHANGE DESCRIPTION ÄNDERUNG	DRAWN BY GEZ.	CHK. BY GEZ.
PRODUCT SPEC. PRODUKT SPECIFIK.	PACKAGING SPEC. VERPACKUNGS SPECIFIK.	APPLICATION SPEC. ANWENDUNGS SPECIFIK.	COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION IS PROHIBITED. REISE: TECHNISCHE IST EIGENTUM DER FIRM DELPHI UND VERBODEN DELPHI TECHNISCHE INFORMATIONEN, DIE REPRODUKTION, VERTEILUNG UND NUTZUNG DIESER DOKUMENTES ODER DEREN INHALT ZU VERBREITEN ODER ANDEREN, OHNE ALS KOMBINATION VON DELPHI ZULASSEN. DELPHI, IST WARE DESKRIPTORSPRACHUNG, WERDEN DIE DELPHI KORPORATION VERBODEN.			
TOLERANCES TOLERANZEN	DIN ISO 2768- mH DIN ISO 1101	MATERIAL : MATERIAL : ---	SURFACE FINISH OBERFLÄCHE	DELPHI DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE HUNDEBURG GERMANY		
CONTINUED N. GESAMT N.	---	COLOR : FARBE : ---	---	ISO PROJECTION ISO PROJEKTION	ECO Loc. Code STANDORT CODE	GN
DO NOT SCALE DRAWING ZEICHNUNG NICHT VERMESSEN	DATE DATUM	NAME NAME	TITLE BEZEICHNUNG	ECO Loc. Code STANDORT CODE	GN	---
DRAWN BY GEZ.	21.02.14	ST. Müller	CRIMP-SPECIFICATION FEMALE CONTACT DCS2-2.8 FOR APPLICATION WITH SWS	9 084 11 00	2	100
CHECKED BY GEZ.	21.02.14	P. Nuetzel	---	---	---	---
APPROVED BY GEZ.	24.02.14	S. Weiss	---	---	---	---
FILE NAME DATEI NAME	90841100_N	SCALE MAßSTAB	1:10	---	---	---

TEILE - NR. PART - NO.	ANSCHLUSS- BEREICH CRIMP SIZE (mm ²)	CRIMP- CODE	DRAHTQUER- SCHNITT WIRE SIZE (mm ²)	ISOLATIONSBEREICH INSULATION RANGE DI + D2	L ± 0.4	DRAHTCRIMP WIRE CRIMP CH _C CW _C ± 0.05	ISOLATIONSCRIMP INSULATION CRIMP CH _I ± 0.1 CW _I ± 0.10	CRIMP-TYP CRIMP-TYPE	LI	CRIMP- WERKZEUG NR. CRIMPING TOOL NR.
6 001 17 31/34 6 001 28 31/34 6 001 41 34 6 011 03 31/34 6 011 06 31/34 F088410 33523157; 33400852 (N)	0.5-1.0	□	0.35±0.35 0.35±0.5 0.5±0.5 0.35 + 0.75	1.4-0.2 + 1.4-0.2 1.4-0.2 + 1.6-0.2 1.6-0.2 + 1.6-0.2 1.4-0.2 + 1.9-0.2	4.3	1.19±0.04 2.07 1.22±0.04 2.08 1.25±0.04 2.08 1.33±0.04 2.05	2.65 2.9 (2.9) 2.9 2.95 2.9 3.15 2.95		0.5 + 0.25	6 520 04 02
6 001 17 41/44 6 001 28 41/44 6 001 41 44 6 011 03 41/44 6 011 06 41/44 F188410 33523158; 33400853 (N)	>1.0-2.5	□□	0.5+ 0.75 0.35 + 1.0 0.75+ 0.75 0.5+ 1.0 (N) 0.5+0.75 0.6+ 1.0 0.75+ 1.0 1.0+ 1.0 1.0+ 1.5	1.6-0.2 + 1.9-0.2 1.4-0.2 + 2.1-0.2 1.7-0.2 + 1.7-0.2 1.6-0.2 + 2.1-0.2 1.6-0.2 + 1.9-0.2 TBD 1.9-0.2 + 2.1-0.2 2.1-0.2 + 2.1-0.2 2.1-0.2 + 2.4-0.2	4.3	1.30±0.05 2.65 1.35±0.05 2.65 1.45±0.05 2.65 1.30±0.05 2.65 1.50±0.05 2.65 1.56±0.05 2.66 1.58±0.03 2.65 1.75±0.05 2.68	3.45 3.4 (3.0) 3.4 3.55 3.45 3.45 3.45 (3.2) (3.4) (3.65) (3.95)	UEBERLAPP- CRIMP OVERLAPPING- CRIMP	0.5 + 0.25	6 520 04 03
33401022	>2.5-4.0		2.0 + 2.0	2.35-2.55	4.8	1.82±0.06 3.38±0.07	4.45 4.1	UMFASSUNGS- CRIMP WRAP CRIMP	0.8±0.2	6 520 04 04

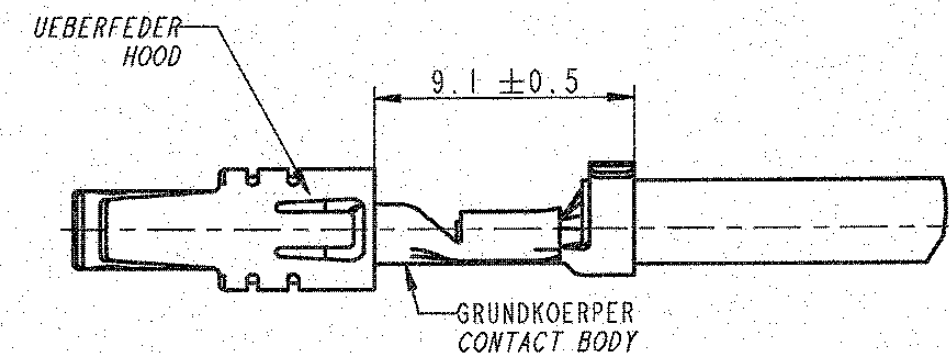


BILD 1: FLACHKONTAKT DCS2-2.8 DOPPELANSCHLAG
PICTURE 1: FEMALE CONTACT DCS2-2.8 DOUBLE CRIMP

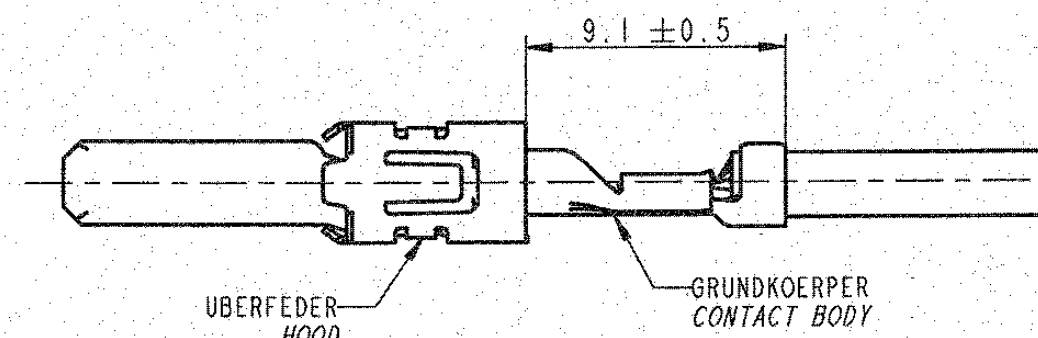


BILD 2: FLACHSTECKER DCS2-2.8 (0.35-2.5)mm² DOPPELANSCHLAG
PICTURE 2: MALE CONTACT DCS2-2.8 (0.35-2.5)mm² DOUBLE CRIMP

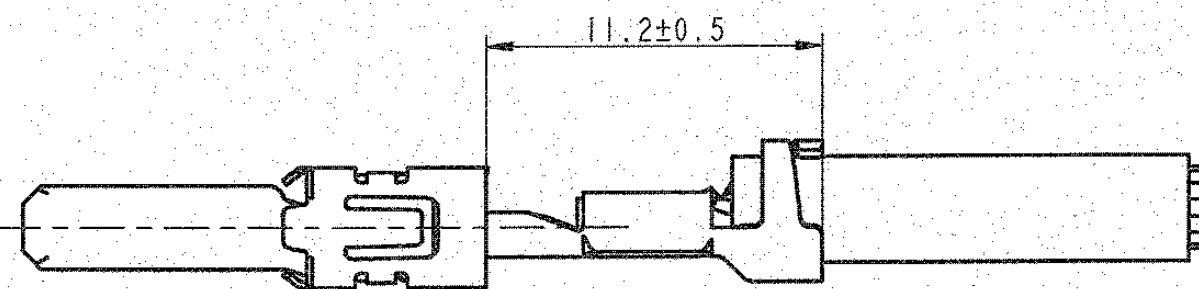
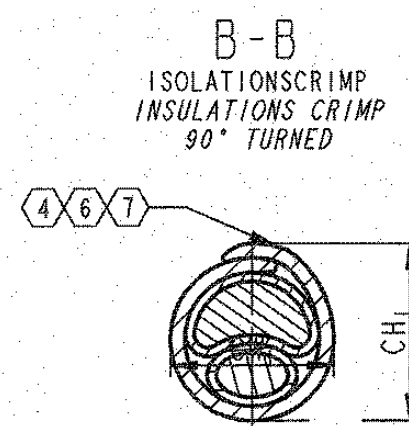
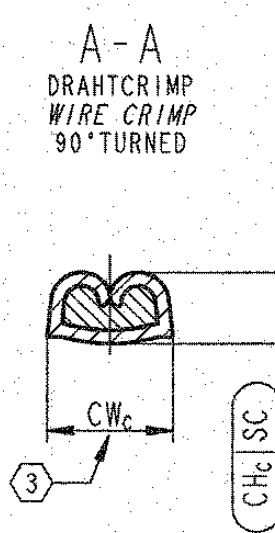
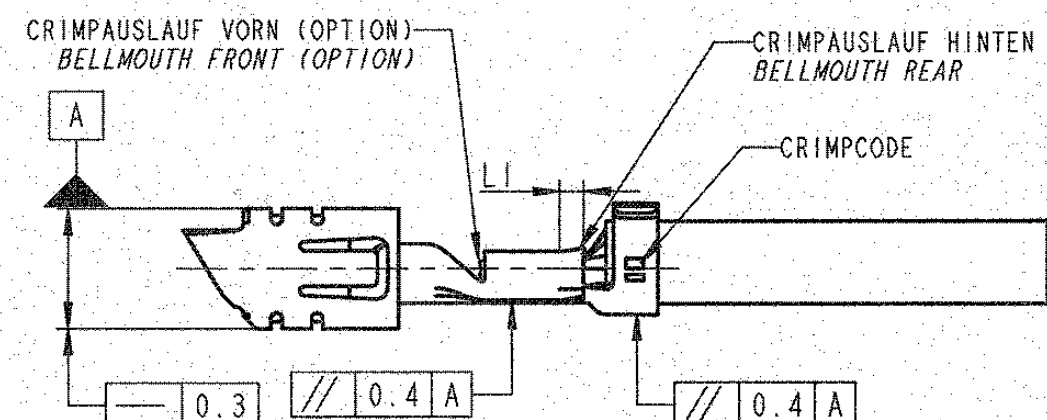
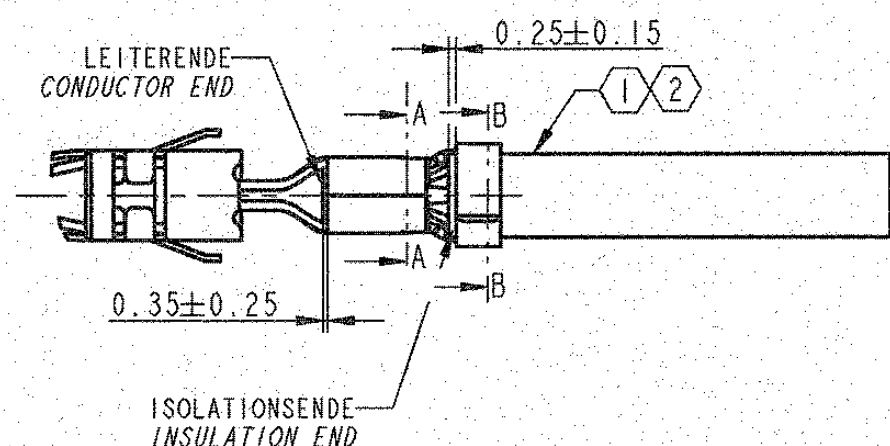
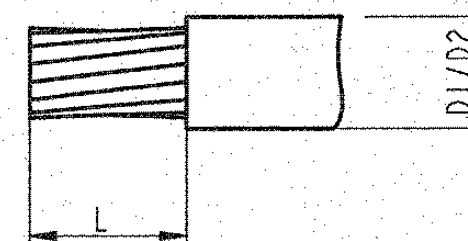


BILD 3: FLACHSTECKER DCS2-2.8-TEILE-NR. 33401022 DOPPELANSCHLAG (>2.5-4)mm²
PICTURE 3: MALE CONTACT DCS2-2.8 PART NO. 33401022 DOUBLE CRIMP (>2.5-4)mm²



TYP: UEBERLAPP-CRIMP
TYP: OVERLAPPING-CRIMP



BEMERKUNGEN / NOTES

- LEITUNGEN NACH / CABLE TYPES TO: FLY DIN 72551-6
- AUSREISSKRAFT DES LEITERS AUS DEM DRAHTCRIMP SIEHE: / EXTRACTION FORCE OF WIRE OUT THE WIRE CRIMP SEE: DIN EN 60 352-2
- CW_C EFFEKTIVE CRIMPBREITE DRAHTCRIMP / EFFECTIVE CRIMP WIDTH WIRE CRIMP
- DER ISOLATIONSCRIMP MUSS DIE ISOLATION UMFASSEN. VERLETZUNGEN UND EINSCHNITTE DER ISOLATION SIND NICHT ZULAESSIG. MARKIERUNGEN UND DRUCKSTELLEN SIND ERLAUBT. THE ISOLATION-CRIMP MUST COMPRISE THE INSULATION. THE INSULATION DO NOT HAVE VISIBLE CUTS OR NOTCHES AROUND THE DIAMETER. ONLY PRESSURE POINTS OR MARKS ARE ALLOWED.
- ES GELTEN DIE ALLGEMEINEN RICHTLINIEN ZUR VERARBEITUNG VON KONTAKTEN MIT OFFENEN CRIMP-HUELSEN NACH DELPHI VERARBEITUNGSSPEZIFIKATION: 9 902 02 00 GENERAL GUIDELINES FOR THE APPLICATION OF CONTACTS WITH OPEN CRIMP BARRELS IS VALID TO DELPHI SPECIFICATION: 9 902 02 00
- BEI DOPPELCRIMPS MUSS DER KLEINE LEITUNGSQUERSCHNITT UNTEN LIEGEN. BY DOUBLE CRIMPS MUST THE SMALLER CONDUCTOR RANGE LYING DOWN.
- DIE GEOMETRISCHEN ABMASSE DER ISOLATIONSCRIMPS BEI DOPPELANSCHLAGEN SIND AUF EINBAUFAEHIGKEIT IN DIE KONTAKTKAMMERN ZU PRUEFEN. THE GEOMETRICAL DIMENSIONS OF THE INSULATION CRIMPS MUST TO CHECK CONCERNING THE FITTING IN THE CONTACT CAVITIES.

- Pruefmasz. Check dimension
- 100% Pruefmasz (100% Pruefung) Check dimension (100% Check)
- ISC Sicherheitsrelevantes Masz Significant characteristic

16-17304	03.03.16	N	following part numbers on the table were added on the line with wire range (0.5-1)mm ² : F088410, 33523157 and 33400852 and on the line for the wire range (>1.25)mm ² were added following part numbers: F188410, 33523158, 33400853; the combination (0.5+0.75)mm ² including all crimp parameters were added	P. Nuetzel	R. Reger	St. Müller	
15-13782	26.11.15	M	Column with part no. 33401022 added; column (0.35+0.75)mm ² added; CHC for (0.5+0.75)mm ² was 1.35±0.05 and CHI was (3.4); CHC for (0.75+0.75) and (0.5+1)mm ² was 1.55±0.05; CWI for crimp range (0.5-1)mm ² was 2.8; picture 3 was added; column insul. range was reworked; deviation of straightness was added	P. Nuetzel	R. Reger	St. Müller	
14-02721	25.02.14	/	NEW REVISION ADAPT TO NEW UPDATES ON PAGE 2; 3 AND 5;	St. Müller	P. Nuetzel	F. Pacher	
13-00829	16.07.13	/	CH _C values were as follow: 1.25±0.05 for 0.35+0.35 mm ² ; 1.27±0.05 for 0.5+0.35 mm ² ; 1.35±0.05 for 0.5+0.5 mm ² ; 1.35±0.05 for 0.75+0.5 mm ² ; 1.45±0.05 for 1+0.35 mm ² ; 1.50±0.05 for 0.75+0.75 mm ² and 1+0.5 mm ² ; 1.53±0.05 for 1+0.6 mm ² ; 1.55±0.05 for 1+0.75 mm ² ; 1.63±0.05 for 1+1 mm ²	St. Müller	S. Weiss		
ECN-NO. ECN NUMBER	DATE DATUM	DD / MM / YY REVISION INDEX	POSITION POSITION	CHANGE DESCRIPTION ÄNDERUNG	DRAWN BY GEZ.	CHK. BY APPR.	APPR. BY REV.
PRODUCT SPEC. PRODUKT SPECIFIK.	PACKAGING SPEC. VERPACKUNGSSPEZIFIK.	APPLICATION SPEC. ANWENDUNGSSPEZIFIK.	COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION IS PROHIBITED.				
TOLERANCES TOLERANZEN DIN ISO 2768-mH DIN ISO 1101	MATERIAL : MATERIAL : ---	COLOR : FARBE : ---	TOOL NO. WERKZEUG NR.	SURFACE FINISH OBERFLÄCHE	DELPHI DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE HÜRMERSBERG GERMANY		
CONTRIBUTOR NO. BEZUGS-NR.	DATE DATUM	NAME NAME	TITLE BEZEICHNUNG	ECO Loc. Code STANDORT CODE	GN	DRAWING NUMBER ZEICHN. NUMMER	CAD SYSTEM pro / eng
DO NOT SCALE DRAWING ZEICHNUNG NICHT VERGRÖßERN	DATE DATUM	NAME NAME	TITLE BEZEICHNUNG	CRIMP SPECIFICATION MALE AND FEMALE DCS2-2.8 FOR DOUBLE CRIMPS	DRAWING NUMBER ZEICHN. NUMMER	9 084 11 00	DWG SIZE FORMAT A2
DRAWN BY GEZ.	21.02.14	ST. Müller	DATE DATUM	24.02.14	S. Weiss	ESR NO. ESR NUMBER	CAT. NO. KATALOG NR.
CHECKED BY PRÜF.	21.02.14	P. Nuetzel	DATE DATUM	24.02.14	S. Weiss	ESR NO. ESR NUMBER	CAT. NO. KATALOG NR.
APPROVED BY APPR.	24.02.14	S. Weiss	DATE DATUM	24.02.14	S. Weiss	ESR NO. ESR NUMBER	CAT. NO. KATALOG NR.
SCALE MASSSTAB	1:1						

TEILE - NR. PART - NO.		ANSCHLUSS- BEREICH CRIMP SIZE (mm ²)	CRIMP- CODE	DRAHTQUER- SCHNITT WIRE SIZE (mm ²)	ISOLATIONS- BEREICH INSULATION RANGE	L±0.4	DRAHTCRIMP WIRE CRIMP		ISOLATIONS INSULATION		LI	EINZELADERDICHUNG (EAA) SINGLE WIRE SEAL (SWS)			CRIMP- WERKZEUG-NR. CRIMPING TOOL NR.	APPLIKATOR SPEZIFIKATION APPLICATOR SPECIFICATION			
							CH _C	CW _C ±0.05	CH _I ±0.05	CW _I ±0.1	CRIMP-TYP CRIMP-TYPE		MVL-NR. MVL-NO.	FARBE COLOR	FUER KAMMER FOR CAVITY				
H	6 001 21 11/14 6 001 29 11/14 6 001 40 11/12 6 001 42 14 6 011 05 11/14 6 011 07 11/14 6 011 07 12 F220300	>(0.22-0.35)	□	0.35	1.2-1.4	3.8	0.95±0.03 ¹⁾ 1.01±0.03 ²⁾	1.67	3.60	3.8	UMFASSUNGS- CRIMP WRAP-CRIMP	0.25±0.15	6 099 40 15	BLAU BLUE		6 520 04 05	9 909 06 71		
	G	6 001 21 31/34 6 001 29 31/34 6 001 40 31/32 6 001 42 34 6 011 05 31/34 6 011 07 31/34 6 011 07 32 F028600	(0.5-1.0)	□□	0.50 AWG 20 0.75 AWG 18 1.00	1.4-1.6 1.7-1.9 1.9-2.1	4.3	1.17±0.04 1.20±0.04 1.20±0.04 1.28±0.04 1.25±0.04	2.07 2.08 2.08 2.08 2.08	(2.8) (3.0) (3.2)	3.87 3.87 3.92	OVERLAPPING- CRIMP	0.4 ±0.2	211 M 0009	ROT RED	PCC0556102 PCC0556114	6 520 04 08	9 909 07 83	
		F	6 001 21 41/44 6 001 29 41/44 6 001 40 41/42 6 001 42 44 6 011 05 41/44 6 011 07 41/44 6 011 07 42 F128600 F420300	(>1.0-2.5)	□□□	1.50 2.00 2.50	2.2-2.4 2.3-2.55 2.65-3.0	4.3	1.45±0.05 ¹⁾ 1.55±0.05 ²⁾ 1.58±0.03 1.75±0.05	2.65 2.66 3.95 2.68	(4.2) (3.95) (4.2)	4.25 4.30 4.30 4.2±0.25		O-CRIMP	240 M 040	BRAUN BROWN		6 520 04 07	9 909 06 74

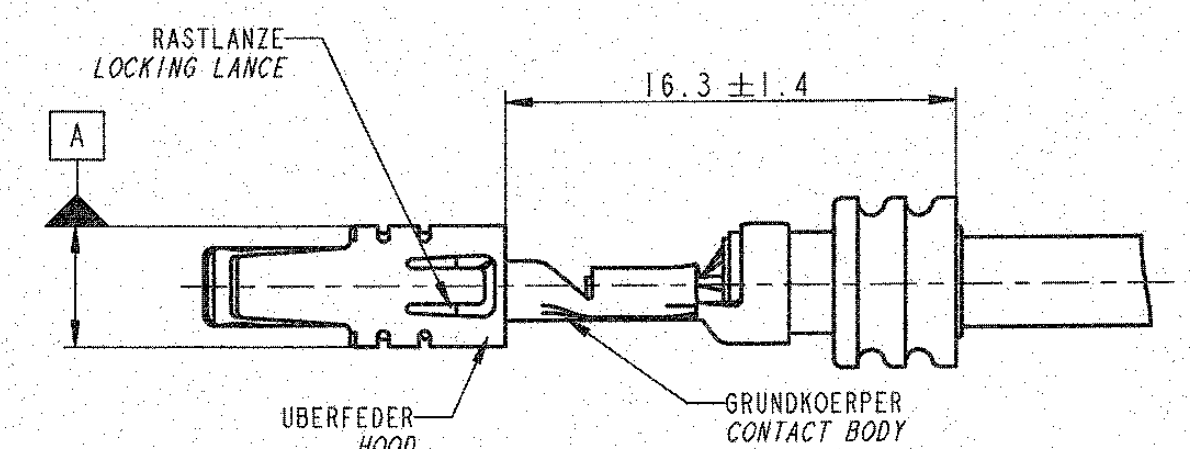


BILD 1: FLACHKONTAKT DCS2-2.8 MIT EAA
PICTURE 1: FEMALE CONTACT DCS2-2.8 WITH SWS

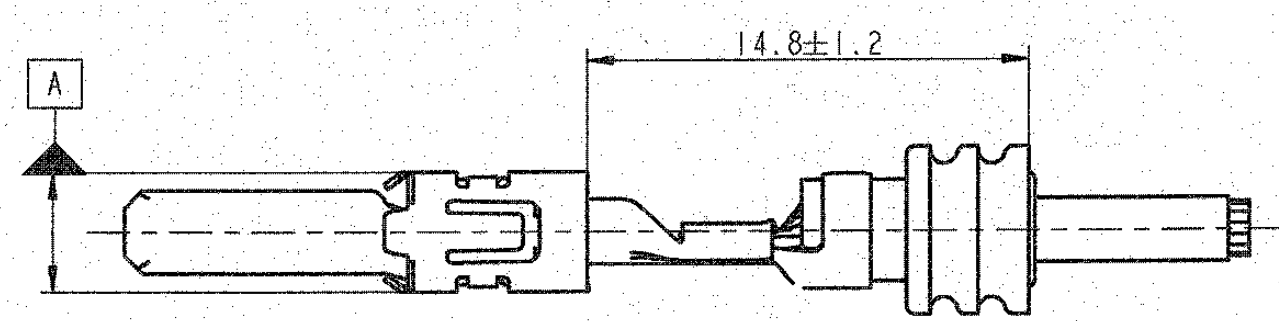
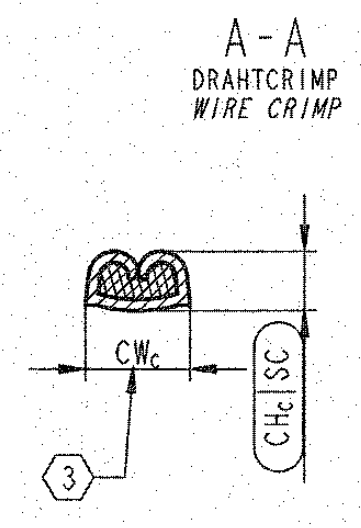
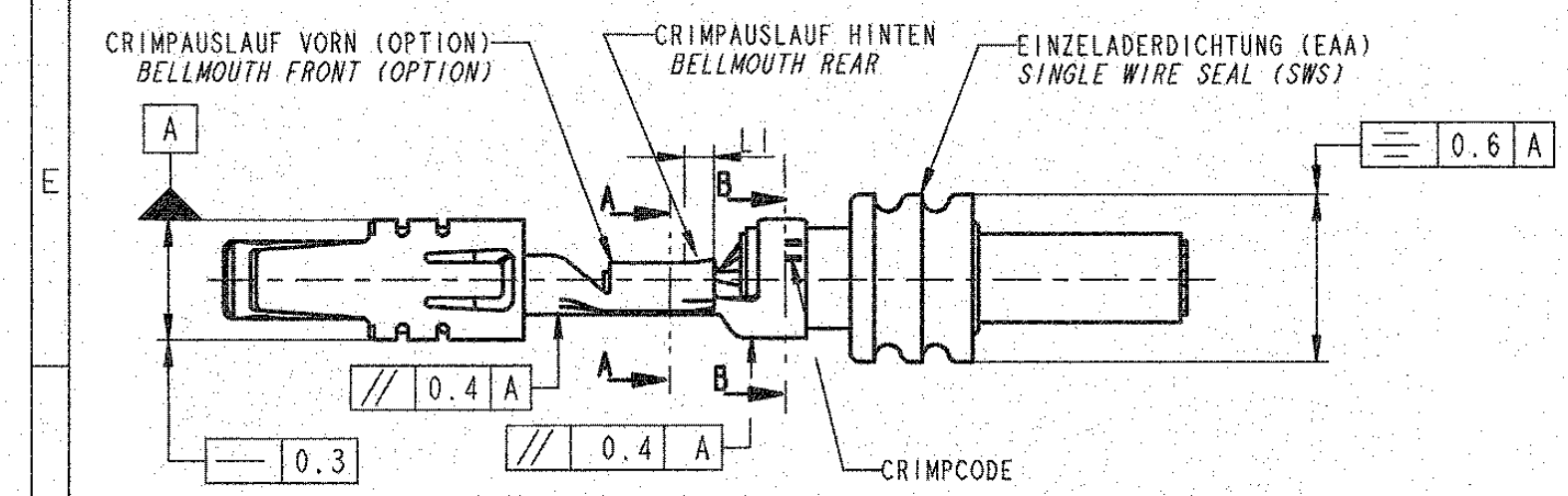
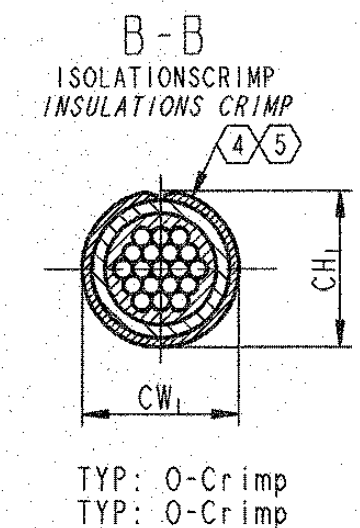


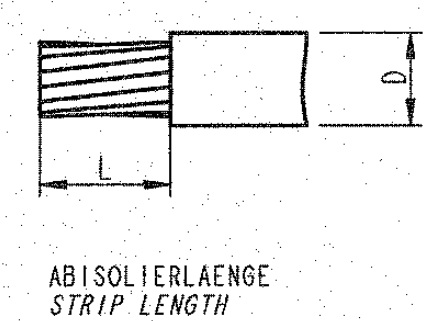
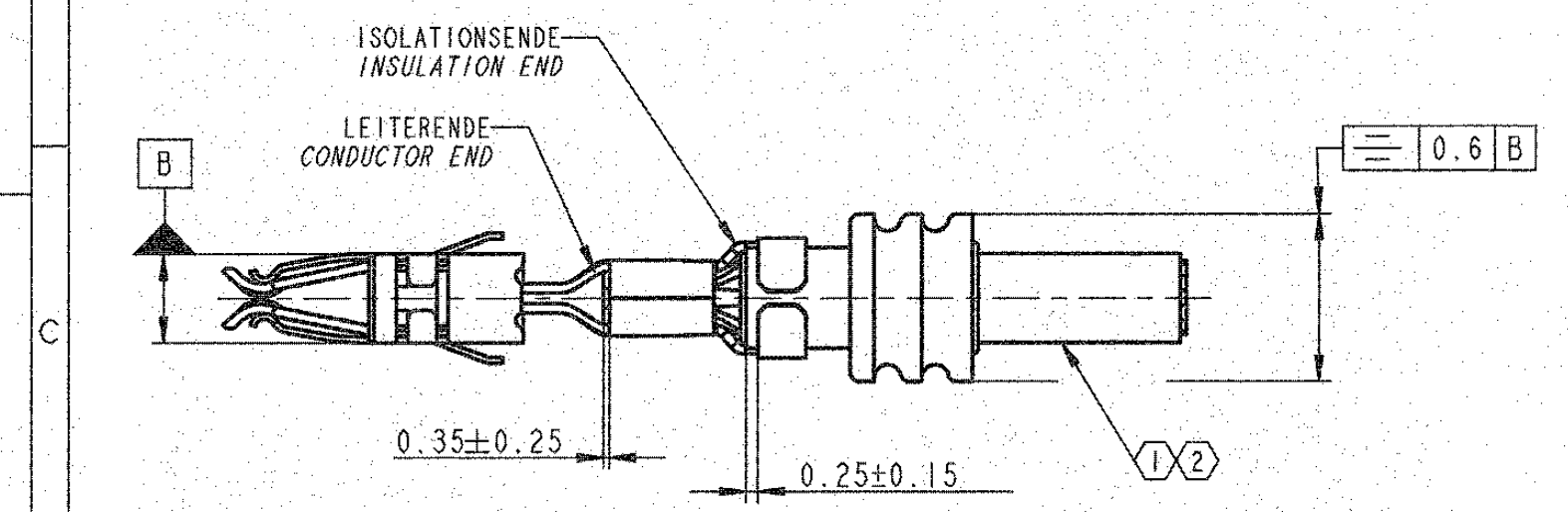
BILD 2: FLACHSTECKER DCS2-2.8 MIT EAA
PICTURE 2: MALE CONTACT DCS2-2.8 WITH SWS



TYP: Umfassungscrimp
TYP: Wrap Crimp



TYP: O-Crimp
TYP: O-Crimp



ABISOLIERLAENGE
STRIP LENGTH

GILT NUR FUER RENAULT UND PSA
IS VALID FOR RENAULT AND PSA ONLY

- BEMERKUNGEN / NOTES**
- LEITUNGEN NACH / WIRE TYPES TO: PSA ST96095 032 99
 - AUSREISSKRAFT DES LEITERS AUS DEM DRAHTCRIMP SIEHE: / EXTRACTION FORCE OF WIRE OUT THE WIRE CRIMP SEE: DIN EN 60 352-2.
 - CW_C EFFEKTIVE CRIMPBREITE DRAHTCRIMP / EFFECTIVE CRIMP WIDTH WIRE CRIMP
 - DIE VERWENDUNG DER EINZELDICHUNGEN IST ABHÄNGIG VOM ISOLATIONS-DURCHMESSER DER LEITUNG UND NICHT VOM LEITUNGSQUERSCHNITT. DURCH DEN CRIMPVORGANG DARF DIE EINZELDICHUNG IM BEREICH DES BUNDDURCHMESSERS NICHT EINGESCHNITTEN ODER VERLETZT WERDEN. DRUCKSTELLEN UND MARKIERUNGEN SIND ZULAESSIG, WENN SIE NICHT ZUR RISSBILDUNG ODER DURCHTRENNEN DER DICHUNG FUEHREN.
THE APPLICATION OF SINGLE WIRE SEALS IS DEPENDS ON THE INSULATION DIAMETER AND NOT FROM THE WIRE SECTION. AFTER CRIMPING THE SWS DO NOT HAVE VISIBLE CUTS OR NOTCHES AROUND THE DIAMETER OF COLLAR. ONLY PRESSURE POINTS OR MARKS ALLOWED, WHICH CAN NOT CAUSE TEARING OR SPLITTING OF IN THE LONG TERM.
 - ES GELTEN DIE ALLGEMEINEN RICHTLINIEN ZUR VERARBEITUNG VON KONTAKTEN MIT OFFENEN CRIMP-HUELSEN NACH DELPHI-VERARBEITUNGSSPEZIFIKATION: 9 902 00 20
4: GENERAL GUIDELINES FOR THE APPLICATION OF CONTACTS WITH OPEN CRIMP BARRELS IS VALID TO DELPHI SPECIFICATION: 9 902 00 20
- DIESE DRAHTCRIMPHOEHE GILT NUR FUER PSA
THIS WIRE CRIMP HEIGHT IS VALID FOR PSA ONLY
 - DIESE DRAHTCRIMPHOEHE GILT NUR FUER RENAULT
THIS WIRE CRIMP HEIGHT IS VALID FOR RENAULT ONLY

- Pruefmasz
Check dimension
- 100% Pruefmasz (100% Pruefung)
Check dimension (100% Check)
- ISC Sicherheitsrelevantes Masz
Significant characteristic

16-17304	03.03.16	N	NEW REVISION ADAPT TO NEW UPDATES ON PAGE 6	P. Nuetzel	R. Reger	St. Müller	
15-13782	26.11.15	N	Bemerkungen/ Notes: 1) and 2) added; Column CHC for 0.35mm ² and 1.5mm ² was splitted; the error of coaxiality was substitute by error of symmetry to the reference A and B and the value was reduced from 1 to 0.6; deviation of straightness was added	P. Nuetzel	R. Reger	St. Müller	
14-02721	25.02.14	N	NEW REVISION ADAPT TO NEW UPDATES ON PAGE 2; 3 AND 5	St. Müller	P. Nuetzel	F. Pacher	
ECN-NR. ECN NUMBER	DATE DATUM	DD / MM / YY REVISION INDEX	POSITION POSITION	CHANGE DESCRIPTION ÄNDERUNG	DRAWN BY GEZ.	CHK. BY KEZ.	APPR. BY GEZ.
PRODUCT SPEC. PRODUKT SPEZIFIK.	PACKAGING SPEC. VERPACKUNGS SPEZIFIK.	APPLICATION SPEC. ANWENDUNGS SPEZIFIK.	COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION IS PROHIBITED.				
TOLERANCES TOLERANZEN	DIN ISO 2768- mH DIN ISO 1101	MATERIAL : MATERIAL : FARBE : COLOR :	SURFACE FINISH OBERFLÄCHE				
CONTRACT NO. VERTRAGS-NR.	---	TOOL NO. WERKZEUG-NR.	ECO Loc. Code STANDORT CODE	DELPHI			
DO NOT SCALE DRAWING ZEICHNUNG NICHT VERMESSEN	DATE DATUM	NAME NAME	TITLE BEZEICHNUNG	ISO PROJECTION ISO PROJEKTION	OTHERS IN MILLIMETERS BEMASSUNG IN MILLIMETERN	DWG SIZE FORMAT	
DRAWN BY GEZ.	21.02.14	ST. Müller	CRIMP SPECIFICATION MALE- AND FEMALE DCS2-2.8 FOR APPLICATION WITH SWS	9 084 11 00	7	A2	
CHECKED BY KEZ.	21.02.14	P. Nuetzel					
APPROVED BY GEZ.	24.02.14	S. Weiss	ESR NO. ESR-NUMMER	CAT. NO. KATALOG-NR.	FILE NAME DATEI NAME	SCALE MASSSTAB	
					90841100_N	1:10	