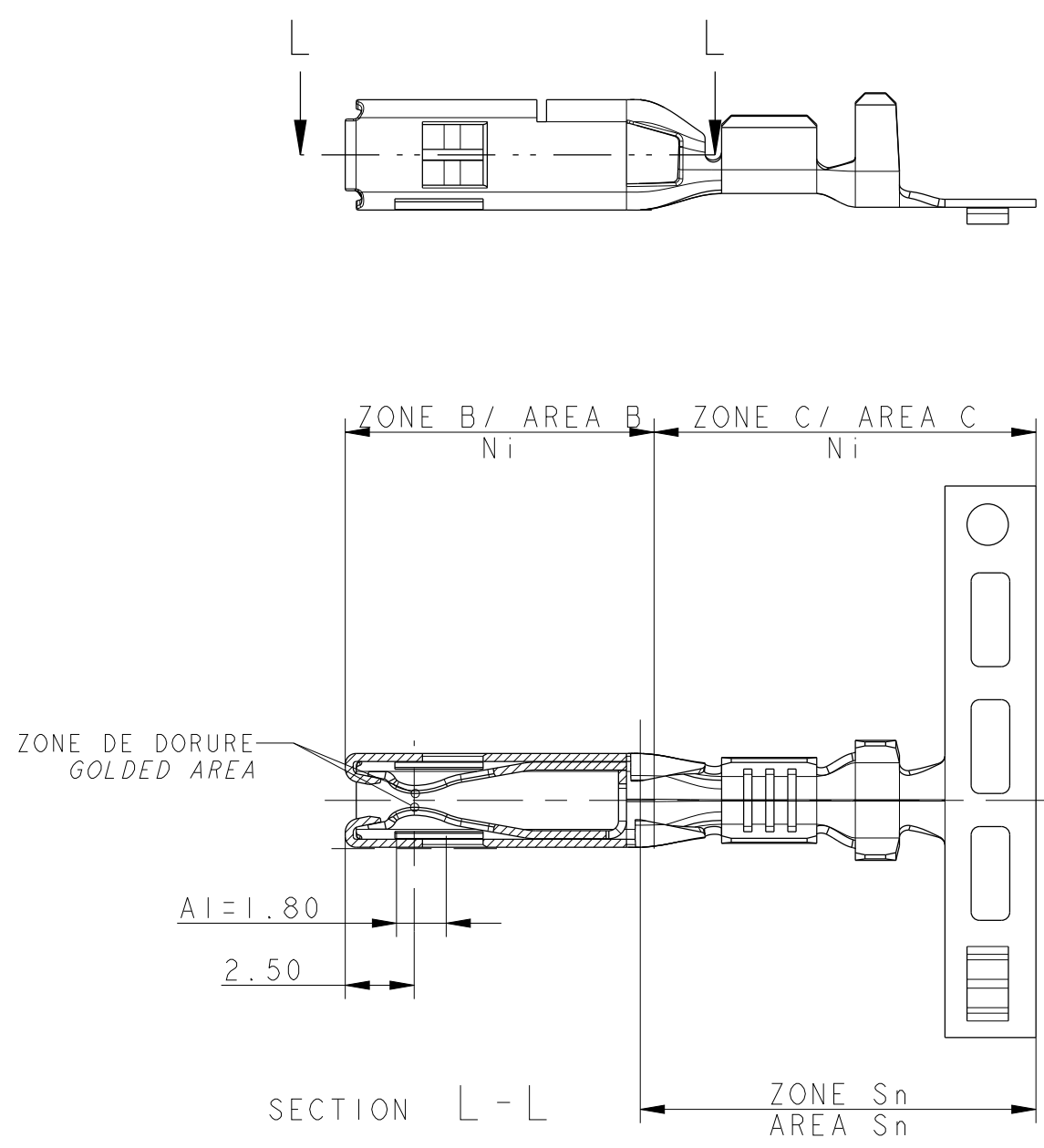
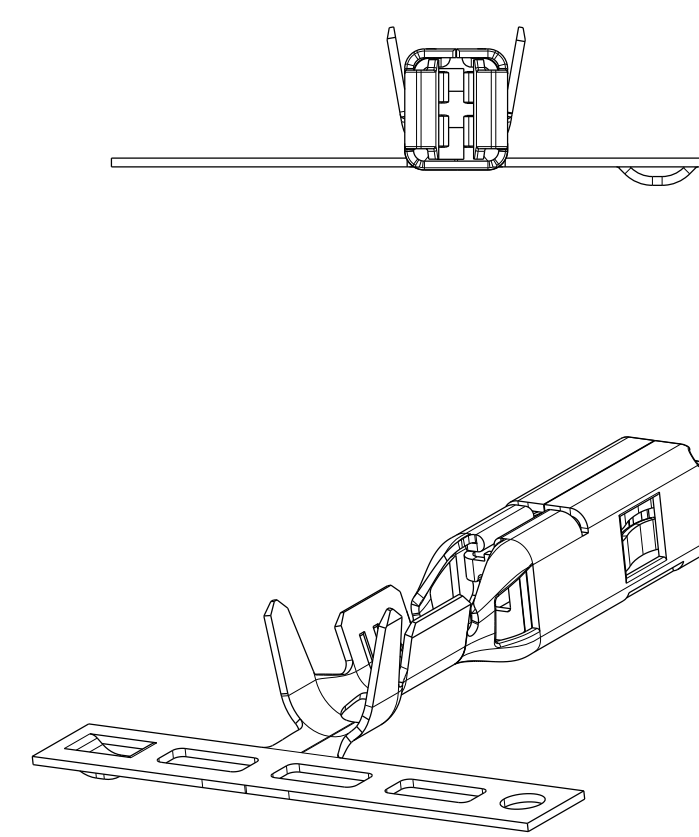




		Pitch of the strip = 20 50 terminals per meter			
Reference	Area	Ni		Sn (μm)	Thickness Au
		B	C		nominal min
211 CC 3S X 4 60	Al (INT) Contact point	1 μm MIN 2 μm MAX	0.1 μm MAX		1.52 μm 1.27 μm
	Ni				
	Sn			1 μm MIN 3 μm MAX	

NOMBRE DE DIMENSIONS NUMEROTEES <i>QUANTITY OF NUMBERING DIMENSIONS</i>	38
Numéro non utilisé <i>Numbering not used</i>	14-20; 30; 40; 43-100
Dernier numéro utilisé <i>last number used</i>	105

ETAT STATE		Références																								Material	Classe				
		⑥				JUF / SWS ⑥				⑥				JUF / SWS ⑥				⑥				JUF / SWS ⑥						⑥			
		MVL	REV.	DELPHI	REV.	MVL	REV.	DELPHI	REV.	MVL	REV.	DELPHI	REV.	MVL	REV.	DELPHI	REV.	MVL	REV.	DELPHI	REV.	MVL	REV.	DELPHI	REV.			MVL	REV.	DELPHI	REV.
C	Pré-étamé Pretinned	21ICC3S1150	D	10776116	01					21ICC3S4150	D	33510893	01					21ICC3S2150	D	10776330	01									Cu Zn 15	85°
	Pré-étamé Pre-tinned	21ICC3S1160	D	10781041	01	21ICC3S1161	D	10740375	01	21ICC3S4160	D	15522621	01	21ICC3S4161	D	13873373	01	21ICC3S2160	D	10726549	01	21ICC3S2161	D	10740376	01	F8666700	D	33510896	01	Cu Fe 2P	125°
	Pré-pisté Pre-tracked 1.27µ int	21ICC3S1460	D	13567906	01					21ICC3S4460	D	33510894	01					21ICC3S2460	D	33501949	01					-				Cu Fe 2P	125°
	Pré-étamé Pre-tinned	21ICC3S1190	D	33501947	01					21ICC3S4190	D	33501951	01					21ICC3S2190	D	33501948	01					-				Cu Cr Ag Fe Ti Si	150°
B	Section Gauge	0.35 to 0.70								0.75 to 1.30								135 to 250								3.00 to 4.00					
	∅ Isolant Insulation	⑥ 1.25 to 1.80				⑥ 1.60 to 2.40				2.1 to 3								3 to 4													
	A	2.9								3.1								3.4								4.65					
	B	2.2								2.8								3.6								5.05					
A	R=C	0.9								0.9								0.9								1.3					
	D ± 0.3	4				4.3				4.35				4.65				4.7				5				6					
	E	3.3				4.1				4.15				4.45				4.9				5.3				6.35					
	R=F	1.4				1.4				1.4				1.7				1.4				1.7				1.7					

[illegible]

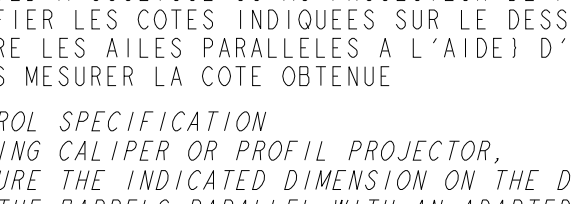
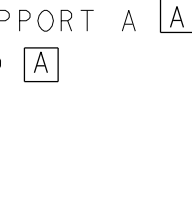
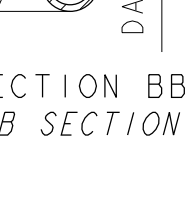
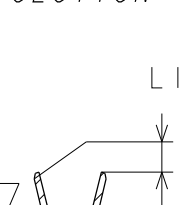
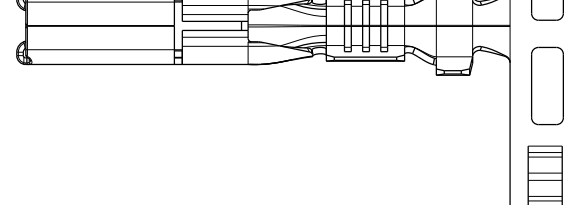
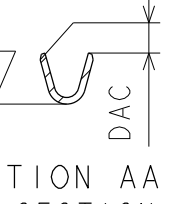
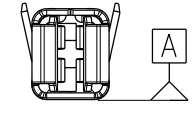
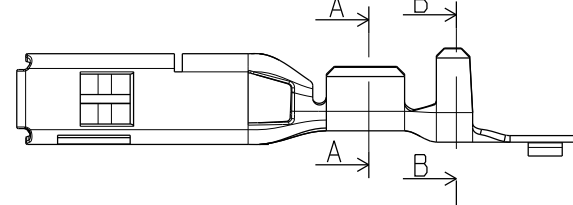
NOUVELLES GAMMES DE SERTISSAGE NEW RANGE OF CRIMPING																			
1	PARAMETRES DE SERTISSAGE CRIMP PARAMETERS								FILS SUIVANT SPECIF PSA N°: 96 095 032 99 (1R) ET 96 347 082 99 (1D) WIRES ACCORDING TO PSA SPEC N°: 96 095 032 99 (1R) ET 96 347 082 99 (1D)										
CONTACT FEMALE TERMINAL								SERTISSAGE CUIVRE WIRE BARREL				FRETAGE ISOLANT INSULATION BARREL							
												PAR RECOUVREMENT WITH OVERLAPPING			AVEC JOINT UNITAIRE WITH SINGLE SEAL				TYPE FIL WIRE
SECTION GAUGE	DAC MAX I	DAI MAX I	LNC ± 0.25	LNI ± 0.25	DCS ± 0.10	DIS ± 0.10	DCSJ ± 0.10	SECTION SECTION (mm²)	(LARGEUR) (WIDTH)	HAUTEUR HEIGHT	Ø EQU. Ø EQU.	(LARGEUR) (WIDTH)	(HAUTEUR) (HEIGHT)	(LARGEUR) (WIDTH)	(HAUTEUR) (HEIGHT)				
0.35 to 0.70	0.25	0.25	2.40	3.40	0.85	0.75	0.75	0	0.35	0.32	(1.65)	1.09	1.30	(2.52)	(2.02)		ID		
								0.50	0.49	(1.65)	1.17	1.50	(2.53)	(2.05)	(3.31)	(3.13)	ID		
								0.35 + 0.35	0.68	(1.65)	1.25	2.03	(2.59)	(2.31)				ID	
0.75 to 130	0.25	0.25	2.40	3.40 / 4.00	1.00	0.50	-	-	0.75	0.72	(1.90)	1.31	1.86	(3.00)	(2.20)	(3.85)	(3.22)	ID	
									0.85	0.86	(1.91)	1.40	1.80	(3.05)	(2.23)	(3.49)	(2.97)		
									1.00	0.93	(1.91)	1.40	1.90	(3.02)	(2.41)	(3.87)	(3.41)	ID	
									1.25	1.25	(1.92)	1.56	2.15	(3.10)	(2.56)	(3.66)	(3.17)		
									0.35 + 0.5	0.83	(1.91)	1.39	2.11	(3.09)	(2.52)				
									0.35 + 0.75	1.06	(1.91)	1.48	2.31	(3.11)	(2.65)				
									0.35 + 1	1.27	(1.92)	1.57	2.43	(3.11)	(2.65)			ID	
									0.50 + 0.50	0.98	(1.91)	1.45	2.19	(3.10)	(2.60)				
									0.50 + 0.75	1.21	(1.92)	1.54	2.38	(3.11)	(2.65)				
135 to 250	0.25	0.25	2.40	3.40 / 4.00	1.00	0.20	0.90	- 0.10											
									1.4	1.33	(2.85)	1.42	2.00	(3.89)	(2.56)	(3.86)	(3.36)		
									1.5	1.53	(2.87)	1.47	2.30	(3.90)	(2.80)				
									2	1.82	(2.88)	1.55	2.20	(3.90)	(2.72)	(3.91)	(3.58)		
									2	1.73	(2.88)	1.53	2.60	(3.91)	(3.05)	(4.05)	(4.06)		
									2.5	2.62	(2.93)	1.77	2.10	(3.89)	(2.65)	(3.88)	(3.47)	T6	
									0.35 + 1	1.27	(2.85)	1.40	2.43	(3.91)	(2.91)			ID	
													2.56	(3.91)	(3.01)			1R	
									0.50 + 1.50	2.02	(2.90)	1.61	2.19	(3.92)	(3.22)				
									0.60 + 1	1.52	(2.87)	1.47	2.75	(3.92)	(3.18)			ID	
													2.87	(3.92)	(3.29)			1R	
0.60 + 1.40	1.92	(2.89)	1.58	3.10	(3.94)	(3.53)													
0.75 + 0.75	1.44	(2.86)	1.45	2.56	(3.91)	(3.01)													
0.75 + 1.5	2.25	(2.91)	1.67	2.96	(3.93)	(3.38)													

(VALEUR): UNIQUEMENT POUR INFORMATION
(VALUE): FOR INFORMATION ONLY

SCALE 3:1

2

CONTACT
FEMALE TERMINAL



SECTION AA
AA SECTION

SECTION BB
BB SECTION

LNC POUR AILES CUIVRE
LNC WIRE BARREL
LNI POUR AILES ISOLANT
LNI INSULATION BARREL

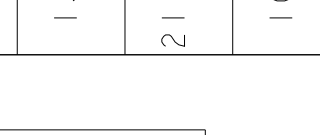
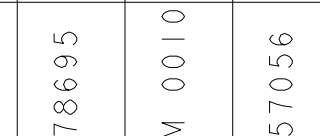
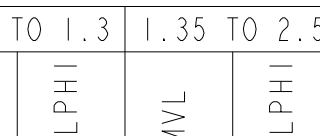
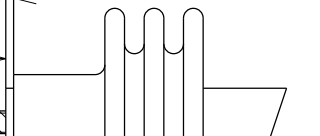
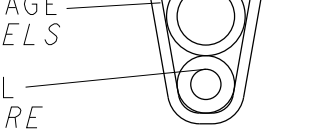
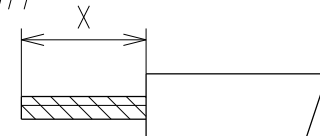
DEGAUCHI PAR RAPPORT A A
STRAIGHTEN TO A

NOTICE DE CONTROLE
AU PIED A COULISSE OU AU PROJECTEUR DE PROFIL.
VERIFIER LES COTES INDIQUEES SUR LE DESSIN DU CLIP.
METTRE LES AILES PARALLELES A L'AXE D'UN MONTAGE APPROPRIE.
PUIS MESURER LA COTE OBTENUE
CONTROL SPECIFICATION
SLIDING CALIPER OR PROFILE PROJECTOR.
MEASURE THE INDICATED DIMENSION ON THE DRAWING.
PUT THE BARRELS PARALLEL WITH AN ADAPTED MOUNTING, AND MEASURE
THE OBTAINED DIMENSION.

3

PREPARATION DES FILS
WIRE PREPARATION

LONGUEUR DE DENUDAGE DES FILS:
(X = 4.50 ± 0.20)
STRIP WIRE LENGHT



AILLES DE SERTISSAGE
INSULATION BARRELS
FIL
WIRE

SERTISSAGE AVEC FILS SUPERPOSES: METTRE
LE PETIT FIL EN DESSOUS
CRIMPING WITH SUPERPOSED WIRES:
PUT SMALL ONE BELOW

REFERENCE JOINT:
SEAL PARTNAME
SECTION / GAUGE
0.35 TO 0.70 | 0.75 TO 1.3 | 1.35 TO 2.5

MVL	DELPHI	MVL	DELPHI	MVL	DELPHI
211 M 0009	15327786	240 M 040	13578695	211 M 0010	10757056

4

SERTISSAGE SUR FIL
CRIMP ON WIRE

SUR FIL ET SUR JOINT UNITAIRE
ON WIRE AND ON SINGLE SEAL

DEFORMATION MAXI AUTORISEE APRES SERTISSAGE: AUTHORIZED DEFORMATION MAXI AFTER CRIMPING:
± 4° ENTRE AXE ZONE A ET BORD ZONE C
± 2° ENTRE AXE ZONE A ET AXE ZONE B
± 4° BETWEEN ZONE A AXIS AND ZONE C EDGE
± 2° BETWEEN ZONE A AXIS AND ZONE B AXIS

CHANFREIN : 0.30 ± 0.10
CHANFREIN : 0.30 ± 0.10

DEPASSEMENT BRINS
DE CUIVRE: 0.60 ± 0.40
(WIRE EXCEEDING)

ISOLANT ET CUIVRE DOIVENT ETRE
VISIBLES DANS CETTE ZONE.
INSULATION AND WIRE MUST BE
VISIBLE IN THIS AREA

AXE ZONE A
BORD ZONE C
AXE ZONE B

DCS:DEPORT CAGE-CUIVRE
CAGE-WIRE TRANSLATION
DIS:DEPORT CAGE-ISOLANT
CAGE-INSULATION TRANSLATION

K ± 3° MAXI

DCSJ:DEPORT CAGE-CUIVRE AVEC JOINT
CAGE-WIRE TRANSLATION WITH SEAL
DISJ:DEPORT CAGE-ISOLANT AVEC JOINT
CAGE-INSULATION TRANSLATION WITH SEAL

TEMOIN DE DECOUPE EN PARTIE
ARRIERE UNIQUEMENT
STAMPING WITNESS ONLY IN
THE REAR PART

REF. 2

0.2 ± 0.1

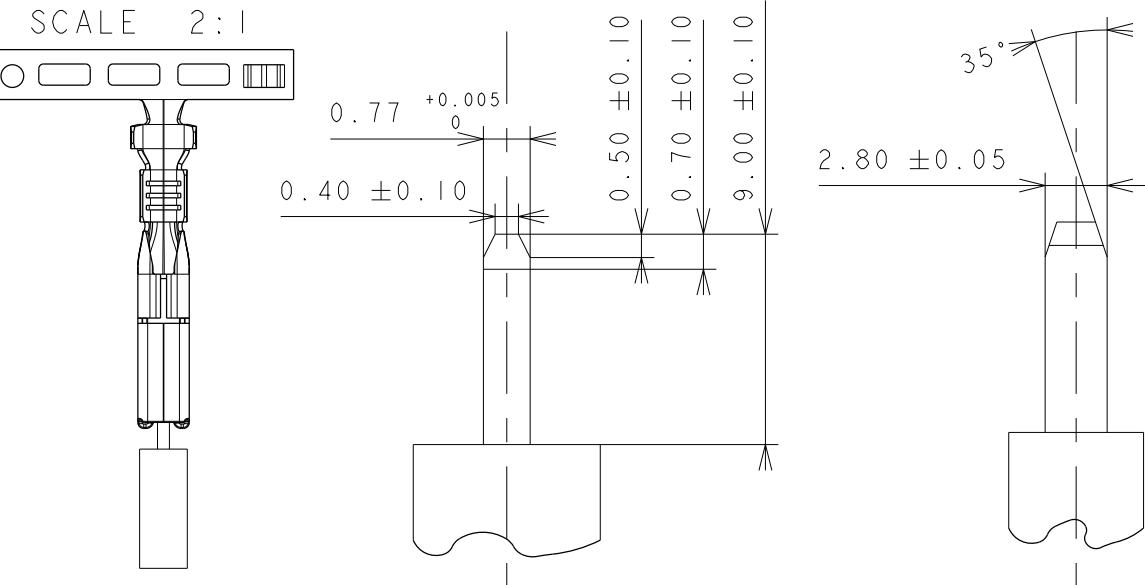
PAS DE BAVURES
NO BURRS

TENUE DE L'ISOLANT: APRES 8 PLIAGES A 45° SELON LES AXES I, J, H ET L, L'ISOLANT NE DOIT PAS AVOIR GLISSE HORS DES AILES DE FRETAGE
KEEPING OF INSULATION: AFTER 8 BENDINGS AT 45° IN I, J, H AND L AXES, THE INSULATION MUST NOT MOVE OUT OF THE INSULATION BARRELS.

5

CALIBRE DE CONTROLE
CONTROL GAUGE

SCALE 2:1



MASSE : 80 GRAMMES
MATIERE : 45 NCD 17 56 H-C 0.8 0.1 POLI

CASSER LES ANGLES VIFS
LE CALIBRE, MONTE DANS LE CLIP NE DOIT PAS TOMBER
DE SON PROPRE POIDS

WEIGHT : 80 GRAMMES
MATERIAL : 45 NCD 17 56 H-C 0.8 0.1 POLISHED

BRAKE THE AGRESSIVE ANGLES
THE GAUGE SHOULD NOT FALL DOWN WITH ITS OWN WEIGHT

6

CONDITIONNEMENT
PACKAGING

CONDITIONNEMENT SUIVANT NORME GALIA
PACKAGING ACCORDING TO GALIA SPECIFICATION

Suivant PU N°064
Following PU N° 064

14-01621

DELPHI P/N ADDED

ECN-NO.
NUMBER ECN

POSITION

CHANGE DESCRIPTION
MODIFICATION

PRODUCT SPEC.
SPECIFIC PRODUCT

PACKAGING SPEC.
SPECIFIC PACKAGING

APPLICATION SPEC.
SPECIFIC APPLICATION

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DE TOUT CONTENU A AUTRES, SANS AUTORISATION ECRITE, EST INTERDITE.

TOLERANCES
TOLERANCES

±0.2 ±0.2

MATERIAL: SEE TABLE

ETAT DE SURFACE

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
EPFREM, FRANCE

CAD SYSTEM

CONTRIBUTOR N°
CONTRIBUTEUR N°

COLOR: COULEUR

ISO PROJECTION

DIMENSION IN
MILLIMETERS

DIMENSIONS EN
MILLIMETRES

ISO PROJECTION

DRAWING NUMBER
REF. PLAN

REV. IND.

STATE
ETAT

PART NUMBER
REF. ARTICLE

REV. IND.

See Table

211FT0437

28 x 08 FEMALE TERMINAL

SICMA 3

FRA-0332

NUMERO CAT.

NO MODIFICATION ALLOWED OUTSIDE (PAS DE MODIFICATION EN DEHORS)

211FT0437

3

2

1

4:1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[211CC3S4160](#) [211CC3S4160-L](#)