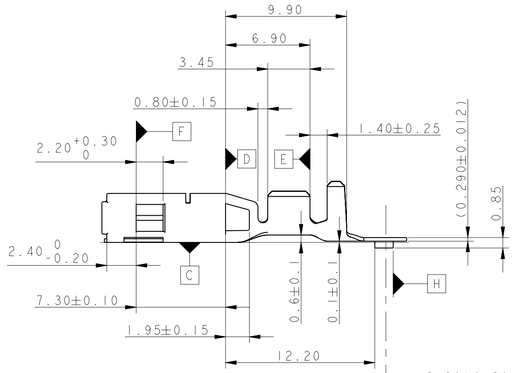
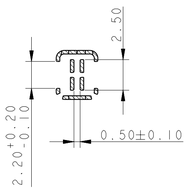
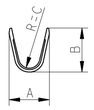


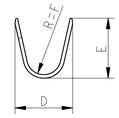
SECTION A-A

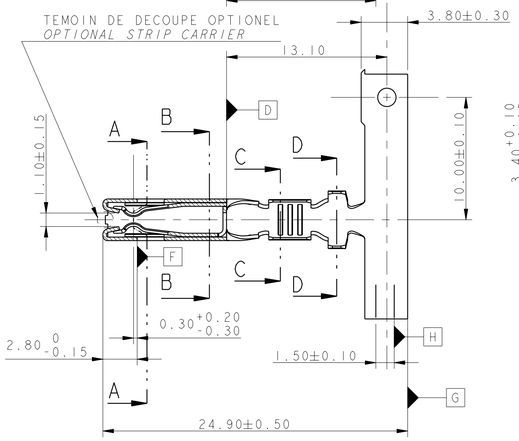


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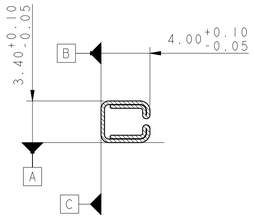


SECTION D-D



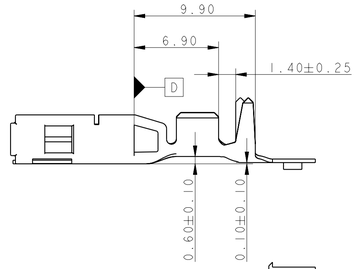


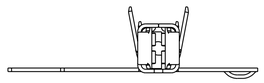
1/2 SECTION L-L

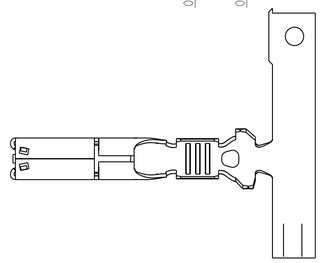


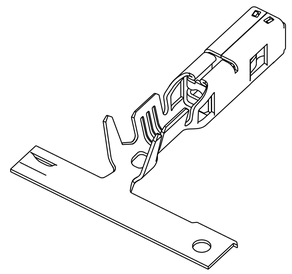
SECTION B-B

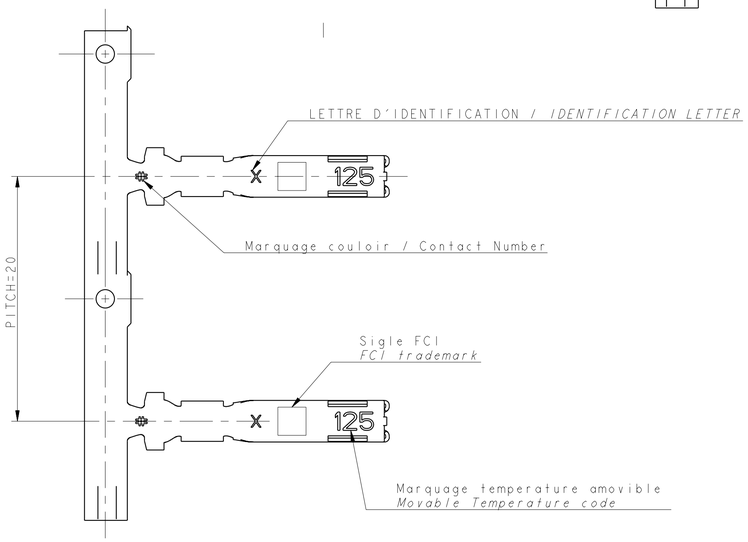
JUF /SWS

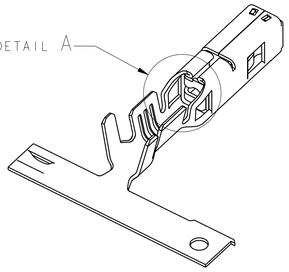


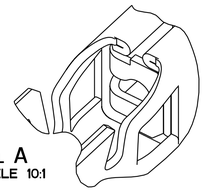








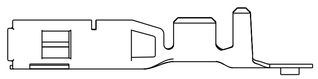


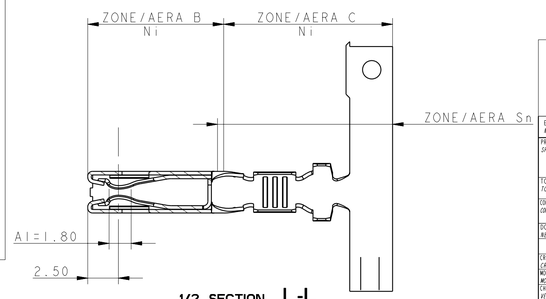


DETAIL A
SCALELE 10:1

Reference	Pitch of the strip = 20 — 50 terminals per meter					
	Area	Ni B	Ni C	Sn (µm)	Thickness Au nominal	Thickness Au mini
211 CC 3S X 4 60	AI (INT) Contact point	1 µMIN 2 µMAX	0.1 µMAX		1.52µ	1.27µ
	Ni					
	Sn			1 µMIN 3 µMAX		

Etat / State	Références						(F)	Material	Classe
		JUF / SWS		JUF / SWS		JUF / SWS			
Pré-étamé / Pre-tinned	211 CC 3 S 1150		211 CC 3 S 4150		211 CC 3 S 2150		-	Cu ZN 15	85°
Pré-étamé / Pre-tinned	211 CC 3 S 1160	211 CC 3 S 1161	211 CC 3 S 4160	211 CC 3 S 4161	211 CC 3 S 2160	211 CC 3 S 2161	F 866 700	Cu Fe 2P	125°
Pré-pisté / Pre-tracked 1.27µ int	211 CC 3 S 1460		211 CC 3 S 4460		211 CC 3 S 2460		-	Cu Fe 2P	125°
Pré-étamé / Pre-tinned	211 CC 3 S 1190		211 CC 3 S 4190		211 CC 3 S 2190		-	Cu Cr Ag Fe Ti Si	150°
INDICE PIECE *PART REVISION LEVEL*	C								
Section / Gauge	0.35 to 0.70		0.75 to 1.30		1.35 to 2.50		3.00 to 4.00		
Ø Isolant Ø Insulation	1.3 to 2.1		1.8 to 2.6		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		
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		





1/2 SECTION L-L

ECN-NO. NUMERO ECN	POSITION POSITION	CHANGE DESCRIPTION MODIFICATION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	RANGE 3 (GAUGE 3 TO 4) ADDED (SEE SHEET 1,2,3)

PRODUCT SPEC. SPECIF. PRODUIT: -
PACKAGING SPEC. SPECIF. EMBALLAGE: -
APPLICATION SPEC. SPECIF. APPLICATION: -

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TOLERANCES: ±0.2 ±2°
COUNTERPART N°: -
DO NOT MEASURE DRAWING NE PAS PRENDRE DE COTES
DATE: - NAME: NOM
CREATED BY CREE PAR: 2002/07/23 TECHENE
MODIFIED BY MODIF. PAR: 2011/05/17 David RAGOT
CHECKED BY VERIF. PAR: 2011/05/18 A DUQUESNE
APPROVED BY APPR. PAR: 2011/05/18 Patrice CAPPE
FILE NAME NOM DE FICHIER: 211FT0437

MATERIAL: MATIERE: SEE TABLE
SURFACE FINISH ETAT DE SURFACE: - / - / -
COLOUR: COULEUR: -
TOOL NO. OUTIL N°: - ECO Loc. Code CODE B.E. FE

CAD SYSTEM: -
ISO PROJECTION PROJECTION ISO
DIMENSION IN MILLIMETERS DIMENSIONS EN MILLIMETRES
pro / eng.
DWG SIZE FORMAT: A1

TITLE DESIGNATION: 2.8 x 0.8 FEMALE TERMINAL
PROJECT PROJET: SICMA 3
CAT. NO. NUMERO CAT.: -
ESS NO.: FRA-0332

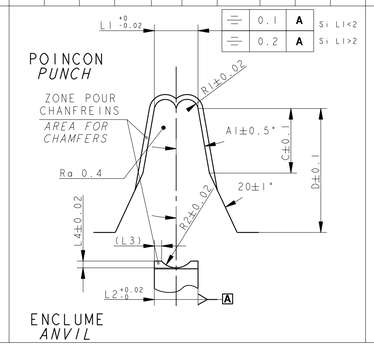
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REV. IND.: F
STATE ETAT: SERIAL RELEASED
PART NUMBER REF. ARTICLE: See Table
REV. IND.: -

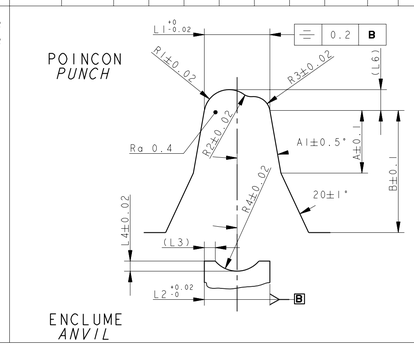
APPROVAL LEVEL NIV. D'APPROBATION: -
SHEET FEUILLE: 1 of / sur 3
SCALE ECH.: 1:1

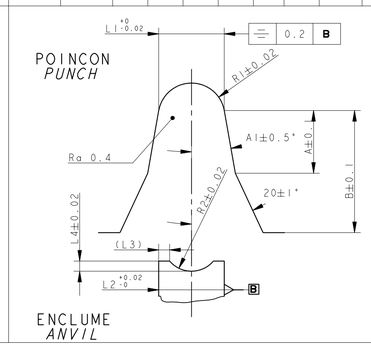
DOCUMENT UNDER PDS CONTROL / DOCUMENT GERE SOUS P.D.S.
NO MODIFICATION ALLOWED OUTSIDE / PAS DE MODIFICATION EN DEHORS

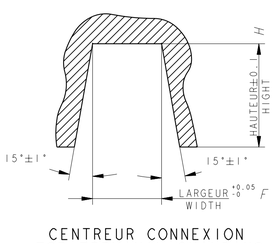
EUR C04 112 F28

CONTACTS *FEMALE TERMINAL*		CUIVRE *WIRE*									ISOLANT *INSULATION*																				CENTREUR CONNEXION *CONNEXION TOP TERMINAL GUIDING*			
											FRETTAGE PAR RECOUVREMENT *INSULATION BARREL WITH OVERLAPPING*														FRETTAGE AVEC JOINT UNITAIRE SUR FIL *INSULATION BARREL WITH SINGLE SEAL*															
REFERENCES *REFERENCES*	SECTION *GAUGE*	POINCON *PUNCH*					ENCLUME *ANVIL*					DEPORT *STEP BETWEEN BARRELS*		POINCON *PUNCH*							ENCLUME *ANVIL*				DEPORT *STEP BETWEEN BARRELS*		POINCON *PUNCH*					ENCLUME *ANVIL*				LARGEUR *WIDTH*	EPAISSEUR *THICKNESS*	HAUTEUR *HEIGHT*	COURSE *DISPLACEMENT*
		C	D	L1	R1	A1	L2	(L3)	L4	L5	R2	D1	D2	A	B	L1	R1	R2	R3	(L6)	A1	L2	(L3)	L4	R4	D1	D2	A	B	L1	R1	R2	A1	L2	(L3)	L4	R2	(F)	(G)	(H)	(I)
211 CC 3S 1150 / 1160 211 CC 3S 1460 / 1490	0.35 to 0.70	3.50	7.90	1.60	0.43	2	1.60	(0.20)	0.21	3.46	0.96	0.85	0.75	3.60	8.10	2.50	0.93	0.50	0.65	(0.87)	4	2.50	(0.21)	0.42	1.50															
211 CC 3S 1161																										0.75	0	3.50	7.80	3.55	1.77	4	3.55	(0.24)	0.89	1.77				
211 CC 3S 4150 / 4160 211 CC 3S 4460 / 4190	0.75 to 1.30	2.93	7.65	1.86	0.50	2	1.86	(0.23)	0.24	3.37	1.16	1.00	0.50	3.00	8.00	2.95	1.10	0.59	0.77	(1.02)	4	2.95	(0.25)	0.49	1.77															
211 CC 3S 4161																										1.00	0.40	4.00	8.00	4.10	2.05	4	4.10	(0.27)	1.03	2.05				
211 CC 3S 2150 / 2160 211 CC 3S 2460 / 2190	1.35 to 2.50	3.70	8.20	2.85	0.77	4	2.85	(0.36)	0.44	3.79	1.50	1.00	0.20	4.40	8.60	3.85	1.42	0.77	1.00	1.32	4	3.85	(0.30)	0.67	2.31												(3.45 mini)	(5)	(3.50)	(9)
211 CC 3S 2161																										0.90	-0.10	4.00	8.00	4.10	2.05	4	4.10	(0.27)	1.03	2.05				
F866700 (f)	3.00 to 4.00	4.10	9.10	3.20	0.87	4	3.20	(0.40)	0.50	3.89	1.70	0.60	0.20	5.50	9.50	4.10	1.52	0.82	1.07	(1.41)	4	4.10	(0.34)	0.69	2.46															

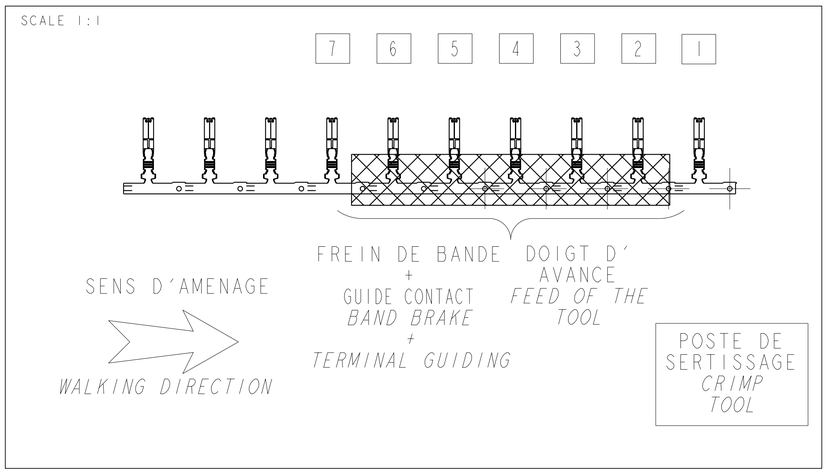


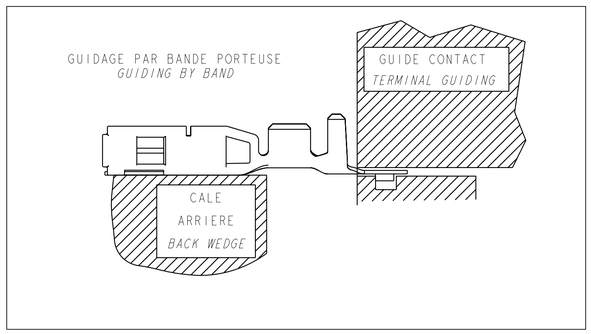


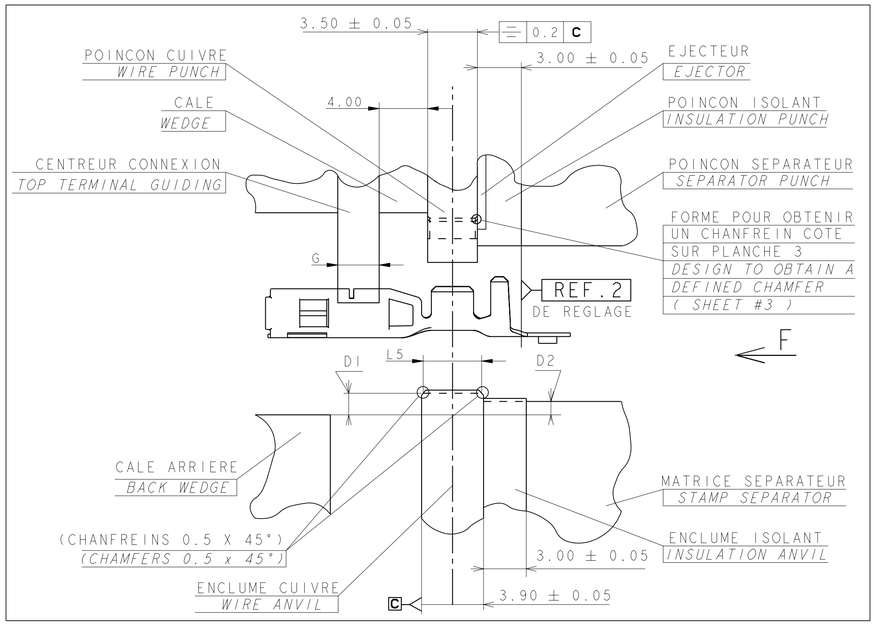




SCALE 1:1







* (VALEUR) UNIQUEMENT POUR INORMATION
(VALUE) FOR INFORMATION ONLY

ECN-NO. *NUMERO ECN*	POSITION *POSITION*	CHANGE DESCRIPTION *MODIFICATION*
-	-	SEE SHEET 1

PRODUCT SPEC. *SPECIF. PRODUIT*: -
PACKAGING SPEC. *SPECIF. EMBALLAGE*: -
APPLICATION SPEC. *SPECIF. APPLICATION*: -

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TOLERANCES *TOLERANCES*: ±0.2 ±2°
COUNTERPART *CONTRE PARTIE N°*: -
DO NOT MEASURE DRAWING *NE PAS PRENDRE DE COTES*
MATERIAL *MATIERE*: SEE TABLE
COLOUR *COULEUR*: -
TOOL NO. *OUTIL N°*: -
SURFACE FINISH *ETAT DE SURFACE*: -
ECO Loc. Code *CODE B.E.*: FE
ISO PROJECTION *PROJECTION ISO*
DIMENSION IN MILLIMETERS *DIMENSIONS EN MILLIMETRES*
CAD SYSTEM: pro / engg.
DWG SIZE *FORMAT*: A1

	DATE	NAME *NOM*
CREATED BY *CREE PAR*	2002/07/11	TECHENE
MODIFIED BY *MODIF. PAR*	2011/05/17	David RAGOT
CHECKED BY *VERIF. PAR*	2011/05/18	A.DUQUESNE
APPROVED BY *APPR. PAR*	2011/05/18	Patrice CAPPE

TITLE *DESIGNATION*: 2.8 x 0.8 FEMALE TERMINAL
PROJECT *PROJET*: SICMA 3
ESR NO *NUMERO ESR*: FRA-0332
CAT. NO. *NUMERO CAT.*: -
FILE NAME *NOM DE FICHIER*: 211FT0437
DRAWING NUMBER *REF. PLAN*: 211FT0437
REV. *IND.*: F
STATE *ETAT*: SERIAL RELEASED
PART NUMBER *REF. ARTICLE*: See Table
REV. *IND.*: -
APPROVAL LEVEL *NIV. D'APPROBATION*: -
SHEET *FEUILLE*: 2 of / sur 3
SCALE *ECH.*: 1:1

DOCUMENT UNDER PDS CONTROL *DOCUMENT GERE SOUS P.D.S.*
NO MODIFICATION ALLOWED OUTSIDE *PAS DE MODIFICATION EN DEHORS*

EUR C04 112 F29

NOUVELLES GAMMES DE SERTISSAGE
NEW RANGE OF CRIMPING

1 PARAMETRES DE SERTISSAGE / *CRIMP PARAMETERS*

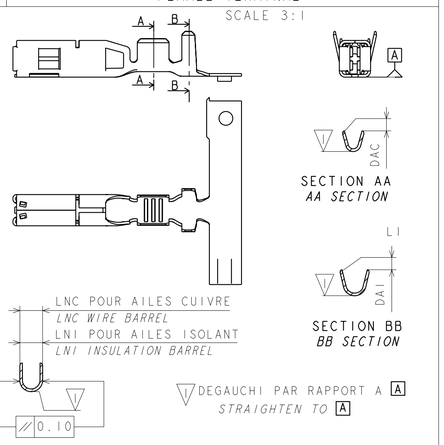
FILS SUIVANT SPECIF PSA N°: 96 095 032 99 (IR) ET 96 347 082 99 (ID)
WIRES ACCORDING TO PSA SPEC N°: 96 095 032 99 (IR) ET 96 347 082 99 (ID)

CONTACT *FEMALE TERMINAL*							SERTISSAGE CUIVRE *WIRE BARREL*				FRETTAGE ISOLANT *INSULATION BARREL*					
											PAR RECOUVREMENT *WITH OVERLAPPING*		AVEC JOINT UNITAIRE *WITH SINGLE SEAL*			
SECTION *GAUGE*	DAC MAXI	DAI MAXI	LNC ± 0.25	LNI ± 0.25	DCS ± 0.10	DIS ± 0.10	SECTION *SECTION* (mm²) THEORIQUE *THEORETIC*	SECTION *SECTION* (mm²) REELLE *REAL*	(LARGEUR) *(WIDTH)* G ± 0.04	HAUTEUR *HEIGHT* C ± 0.04	Ø EQU. / Ø *EQU.*	(LARGEUR) *(WIDTH)* (F ± 0.08)	(HAUTEUR) *(HEIGHT)* (D ± 0.08)	(LARGEUR) *(WIDTH)* (F ± 0.08)	(HAUTEUR) *(HEIGHT)* (D ± 0.08)	TYPE FIL *WIRE* IR / ID
0.35 to 0.70	0.25	0.25	2.40	3.40	0.85	0.75	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
											2.03	(2.59)	(2.31)			IR
0.75 to 1.30	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)			
											2.00	(3.89)	(2.56)	(3.86)	(3.36)	
							1.4	1.33	(2.85)	1.42	2.30	(3.90)	(2.80)			
							1.5	1.53	(2.87)	1.47	2.20	(3.90)	(2.72)	(3.91)	(3.58)	
							2	1.82	(2.88)	1.55	2.60	(3.91)	(3.05)	(4.05)	(4.06)	
							2	1.73	(2.88)	1.53	2.10	(3.89)	(2.65)	(3.88)	(3.47)	T6
							2.5	2.62	(2.93)	1.77	2.80	(3.92)	(3.23)	(4.10)	(4.20)	
1.35 to 2.50	0.25	0.25	2.40	3.40 / 4.00	1.00	0.20	0.90	0.35 + 1	1.27	(2.85)	1.40	2.43	(3.91)	(2.91)			ID
												2.56	(3.91)	(3.01)			IR
							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)			IR
							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)			
							1 + 1	1.86	(2.89)	1.56	2.79	(3.92)	(3.22)			ID
											3.02	(3.93)	(3.44)			IR
(F) 3.00 to 4.00							3	2.97	(3.28)	1.98	3.05	(4.20)	(3.66)			
							4	3.70	(3.30)	2.06	3.50	(4.27)	(3.93)			

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

2 CONTACT / *FEMALE TERMINAL*

SCALE 3:1



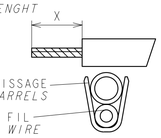
NOTICE DE CONTROLE
AU PIED A COULISSE OU AU PROJECTEUR DE PROFIL.
VERIFIER LES COTES INDIQUEES SUR LE DESSIN DU CLIP.
METTRE LES AILES PARALLELES A L'AIDE) D'UN MONTAGE APPROPRIE,
PUIS MESURER LA COTE OBTENUE

CONTROL SPECIFICATION
SLIDING CALIPER OR PROFIL PROJECTOR.
MEASURE THE INDICATED DIMENSION ON THE DRAWING.
PUT THE BARRELS PARALLEL WITH AN ADAPTED MOUTING, AND MEASURE
THE OBTAINED DIMENSION.

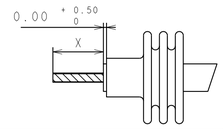
3 PREPARATION DES FILS / *WIRE PREPARATION*

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

STRIP WIRE LENGHT



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

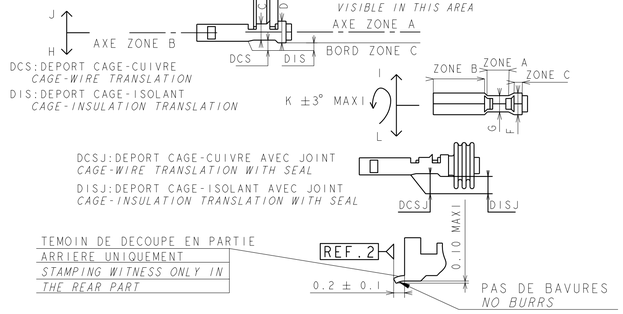


REFERENCE JOINT: *SEAL PARTNAME*		
SECTION / GAUGE		
0.35 TO 0.70	0.75 TO 1.3	1.35 TO 2.5
211 M 0009	240 M 040	211 M 0010

4 SERTISSAGE SUR FIL / *CRIMP ON WIRE*

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

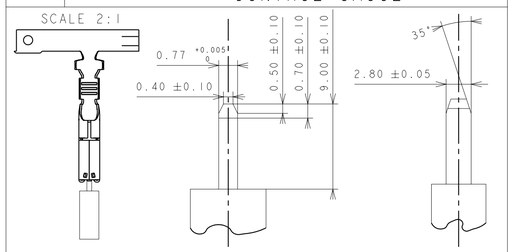
DEFORMATION MAXI AUTORISEE APRES SERTISSAGE: *AUTHORIZED DEFORMATION MAXI AFTER CRIMPING:*
± 4° ENTRE AXE ZONE A ET BORD ZONE C — *± 4° BETWEEN ZONE A AXIS AND ZONE C EDGE*
± 2° ENTRE AXE ZONE A ET AXE ZONE B — *± 2° BETWEEN ZONE A AXIS AND ZONE B AXIS*



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 FRETTAGE
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

-	-	-
	-	-
	-	-
	-	-
	-	SEE SHEET 1

ECN-NO. / NUMERO ECN — POSITION / POSITION — CHANGE DESCRIPTION / MODIFICATION

PRODUCT SPEC. / SPECIF. PRODUIT: -
PACKAGING SPEC. / SPECIF. EMBALLAGE: -
APPLICATION SPEC. / SPECIF. APPLICATION: -

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TOLERANCES / TOLERANCES: ±0.2 ±2° (-)
COUNTERPART N° / CONTRE PARTIE N°: -
DO NOT MEASURE DRAWING / NE PAS PRENDRE DE COTES
MATERIAL / MATIERE: SEE TABLE
COLOUR / COULEUR: -
TOOL NO. / OUTIL N°: -
SURFACE FINISH / ETAT DE SURFACE: -
ICO Loc. Code / CODE B.E.: FE

	NAME / NOM	DATE
CREE PAR / CREATED BY	TECHENE	2002/07/11
MODIFIE PAR / MODIF. PAR	David RAGOT	2011/05/17
VERIF. PAR / CHECKED BY	A DUQUESNE	2011/05/18
APPR. PAR / APPR. PAR	Patrice CAPPE	2011/05/18

FILE NAME / NOM DE FICHIER: 211FT0437

TITLE / DESIGNATION: 2.8 x 0.8 FEMALE TERMINAL
PROJECT / PROJET: SICMA 3
ESR NO / NUMERO ESR: FRA-0332
CAT. NO. / NUMERO CAT.: -
PART NUMBER / REF. ARTICLE: See Table

DRAWING NUMBER / REF. PLAN: 211FT0437
REV. IND.: F
STATE / ETAT: SERIAL RELEASED
REV. IND.: -

DOCUMENT UNDER PDS CONTROL /DOCUMENT GERE SOUS P.D.S.
NO MODIFICATION ALLOWED OUTSIDE / PAS DE MODIFICATION EN DEHORS

ISO PROJECTION / PROJECTION ISO
DIMENSION IN MILLIMETERS / DIMENSIONS EN MILLIMETRES
CAD SYSTEM: pro / eng.
SHEET SIZE / FORMAT: A1
APPROVAL LEVEL / NIV. D'APPROBATION: A
SHEET / FEUILLE: 3 of / sur 3
SCALE / ECH.: 4:1

EUR C04 1:2 F29