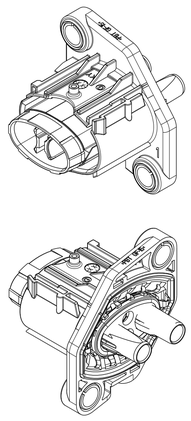
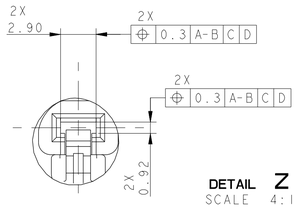
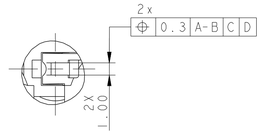


SCALE 1:1



DETAIL Z
SCALE 4:1

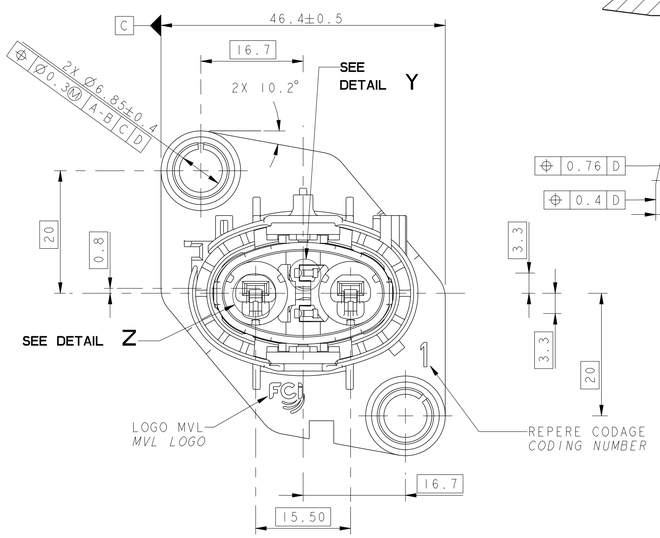
DETAIL ALVEOLE 2.8mm
2.8mm DETAIL CAVITY

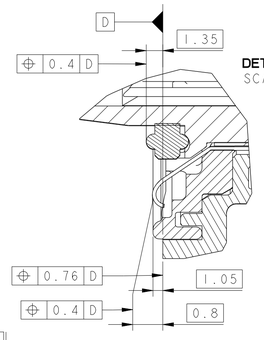


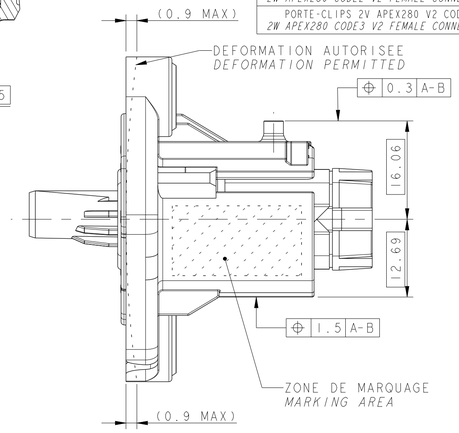
DETAIL Y
SCALE 4:1

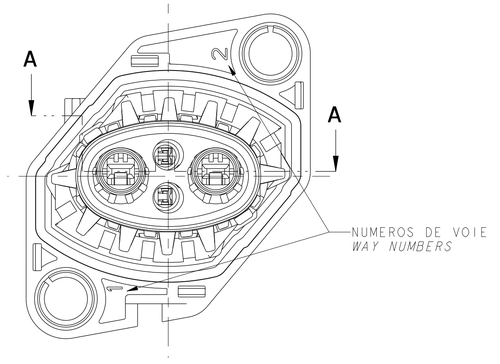
DETAIL ALVEOLE DCS 1.5
DCS 1.5 DETAIL CAVITY

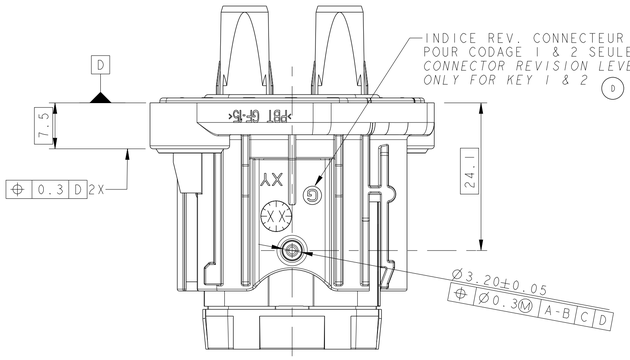
CODING 1 SHOWN

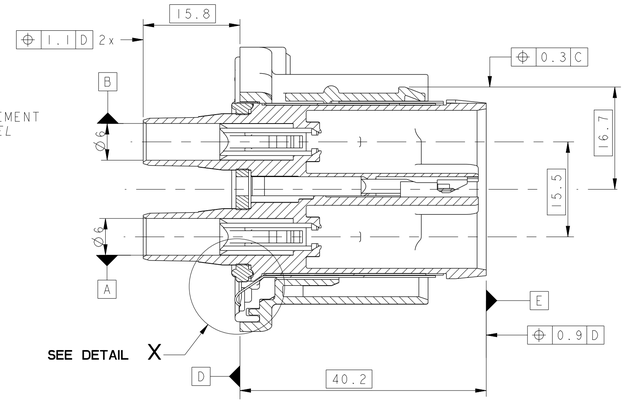












SECTION A-A

PRODUITS ASSOCIES (POUR INFORMATION) / *ASSOCIATED PARTS (FOR INFORMATION)*

	REFERENCE MVL *MVL PART-N°*	REFERENCE DELPHI *DELPHI PART-N°*	SECTION DU FIL *WIRE SECTION*	DIAMETRE EXTERNE DU FIL *EXTERNAL WIRE DIAMETER*	JUF / *SWS* REFERENCE MVL *MVL PART-N°*	JUF / *SWS* REFERENCE DELPHI *DELPHI PART-N°*	JUF / *SWS* COULEUR *COLOR*
LANGUETTE APEX 2.8 ETAME *TINNED APEX 2.8 MALE TERMINAL*	54001027	15516298	4mm²	Ø3.4 MINI - 3.7 MAXI	C302400	33512175	ROUGE *REDDISH BROWN*
LANGUETTE DCS2 1.5 DORE *GOLD DCS2 1.5 MALE TERMINAL*	60100714	33511802	0.35mm²	Ø1.25 MINI - 1.35 MAXI	6 099 39 13	15441379	ROUGE / *RED*
	60100734	10779703	0.5mm²	Ø1.4 MINI - 1.5 MAXI			
			1.0mm²	Ø1.75 MINI - 1.9 MAXI	6 099 39 28	15441380	GRIS / *GREY*
PORTE-CLIPS 2V APEX280 V2 CODE1 *2W APEX280 CODE1 V2 FEMALE CONNECTOR*	F083110						
PORTE-CLIPS 2V APEX280 V2 CODE2 *2W APEX280 CODE2 V2 FEMALE CONNECTOR*	F183110						
PORTE-CLIPS 2V APEX280 V2 CODE3 *2W APEX280 CODE3 V2 FEMALE CONNECTOR*	33406447 (D)						

NOTAS :

1- CAHIER DES CHARGES MVL : FE PS 10 006
- CLASSE DE TEMPERATURE DU CONNECTEUR : CLASS 3 (-40°C ; +125°C)
- CLASSE DE VIBRATION :
  - PRECONDITIONNEMENT
  - VIBRATION 3x 16H (COMBINE AVEC TEMPERATURE -40°C / +125°C) ; 3.9g
- CLASSE D'ETANCHEITE :
  - 1000mb INITIAL
  - 500mb APRES LES TESTS D'ENVIRONNEMENT.
- EFFORT D'ACCOUPLEMENT : F<60N

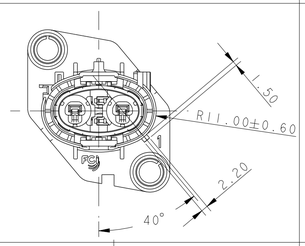
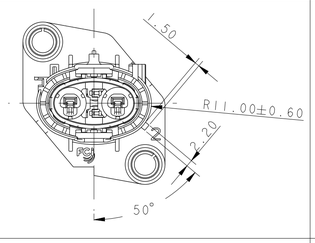
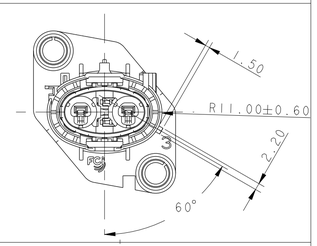
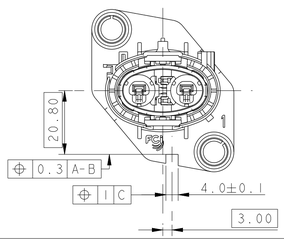
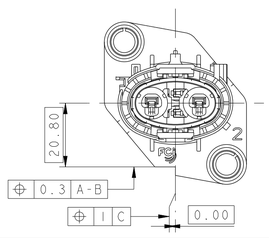
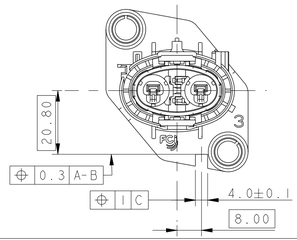
2- CONDITIONNEMENT : FE PA 08 007
3- DOSSIER DE MISE EN OEUVRE : PUI39
4- MASSE DU PRODUIT : 0.037 kg ±10%
5- CE PLAN EST UN EXTRAIT DES PLANS DE DEFINITIONS.
ON FERA REFERENCE POUR TOUT LITIGE AUX PLANS DE DEFINITION.
6- PLAN DU PORTE-CLIPS: PCC0726960
7- LE COUPLE DE SERRAGE PRECONISE PARTICIPE A UNE FONCTION SECURITAIRE D'ETANCHEITE.

NOTES:

1-MVL SPECIFICATIONS: FE PS 10 006
- *TEMPERATURE CLASS OF THE CONNECTOR: CLASS 3 (-40°C ; +125°C)*
- *VIBRATION CLASS:*
  - *PRECONDITIONNING*
  - *VIBRATION 3x 16H (COMBINED WITH TEMPERATURE -40°C / +125°C) ; 3.9g*
- *SEALING CLASS:*
  - *1000mb INITIAL*
  - *500mb AFTER TEST ENVIRONNEMENT.*
- *MATING FORCE : F<60N*

2- PACKAGING : FE PA 08 007
3- HANDLING MANUAL : PUI39
4- MASS OF THE PRODUCT : 0.037 kg ±10%
5- THIS DRAWING IS AN EXTRACT OF THE DETAIL DRAWINGS.
IN CASE OF CONFLICT, REFER TO THEM.
6- DRAWING FEMALE CONNECTOR: PCC0726960
7- THE PRECONIZED SCREWING TORQUE PARTICIPATE TO A SECURITARY SEALING FEATURE.

CODAGE / *KEY*

	F873110 REVISION G	F973110 REVISION G	NA (D)
REFERENCE MVL / *MVL PART-N°*			
REFERENCE DELPHI / *DELPHI PART-N°*	33511766 REVISION 01	33511767 REVISION 01	33406448 REVISION 01
CODAGE MECANIQUE *MECHANICAL KEY*	CODAGE 1 *KEY 1*	CODAGE 2 *KEY 2*	CODAGE 3 *KEY 3*
IDENTIFIANT IMDS *IMDS ID*	212989496	212989802	546119773
CODAGE CONNECTEUR SUIVANT VUE DE FACE PLUG CODING *FOLLOWING FRONT VIEW*			
CODAGE EQUIPEMENT SUIVANT VUE DE FACE DEVICE CODING *FOLLOWING FRONT VIEW*			

15-14882	-	-	
	D9	KEY 3 AVAILABLE	

ECN-NO. *NUMERO ECN* | POSITION *POSITION* | CHANGE DESCRIPTION *MODIFICATION*

PRODUCT SPEC. *SPECIFI. PRODUIT*: SEE NOTES
PACKAGING SPEC. *SPECIF. EMBALLAGE*: SEE NOTES
APPLICATION SPEC. *SPECIFI. APPLICATION*: -

TOLERANCES *TOLERANCES*: ±0.2 ±2°
MATERIAL *MATIERE*: - SEE BOM -
SURFACE FINISH *ETAT DE SURFACE*: -
COUNTERPART N° *CONTRE-PARTIE N°*: SEE NOTES
COLOUR *COULEUR*: - SEE BOM -
DO NOT MEASURE DRAWING *NE PAS PRENDRE DE COTES*
TOOL NO. *OUTIL N°*: -
ECO Loc. Code *CODE E.C.*: FE

DELPHI DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE EPERNON, FRANCE

ISO PROJECTION *PROJECTION ISO* | DIMENSION IN MILLIMETERS *DIMENSIONS EN MILLIMETRES*

CAD SYSTEM: pro / eng.
DRG SIZE / *FORMAT*: A1
APPROVAL LEVEL *NIV. D'APPROBATION*: -
SHEET / *FEUILLE*: 1 of / *sur* 2
SCALE / *ECH.*: 1:1

	DATE / *DATE*	NAME / *NOM*
CREATED BY *CREE PAR*	2015/02/02	Gilles SCHMITT
MODIFIED BY *MODIF. PAR*	2015/07/15	S.LACOTE
CHECKED BY *VERIF. PAR*	2015/07/15	Gilles SCHMITT
APPROVED BY *APPR. PAR*	2015/08/26	Jean FABRE

TITLE / *DESIGNATION*: 2W APEX 280 V2 MALE CONNECTOR
PROJECT / *PROJET*: 2W APEX280 POWER V2 CONNECTOR
ESN NO. *NUMERO ESN*: EU-090006
PART NO. *NUMERO CAT*: See Table
DOCUMENT UNDER PDS CONTROL, NO MODIFICATION ALLOWED OUTSIDE. / *DOCUMENT GERE SOUS P.D.S., PAS DE MODIFICATION EN DEHORS*
FILE NAME *NOM DE FICHIER*: PCC0726959

DRAWING NUMBER *REF. PLAN*: PCC0726959 REV. / *IND.*: D
STATE / *ETAT*: SERIAL RELEASED
PART NUMBER *REF. ARTICLE*: - REV. / *IND.*: -

EUR C04 112 F29

ENCOMBREMENT POUR MONTABILITE DU PORTE-CLIPS SUR EMBASE
FREE SPACE AREA NEEDED TO MATE AND UNMATE THE FEMALE CONNECTOR ON THE HEADER

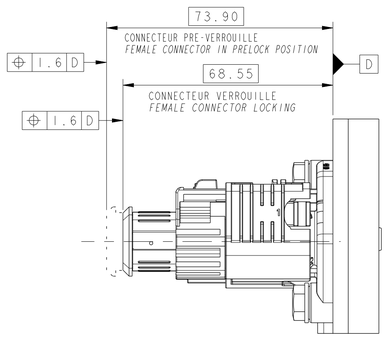
2x VIS H M6 , CLASSE 8.8 SUIVANT NORME E25-30
2x SCREWS H M6 , 8.8 CLASS FOLLOWING NORM E25-30
COUPLE SERRAGE : 8Nm ±10%
SCREWING TORQUE : 8Nm ±10%
(VOIR NOTE 7 EN PAGE 1 / *SEE NOTE 7 ON PAGE 1*)

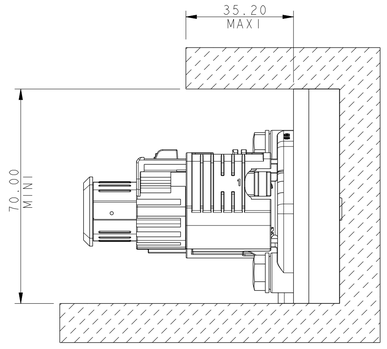
ET / AND

2x RONDELLES PLATES: Z 6 U SUIVANT NFE 27-611
2x WASHER: Z 6 U FOLLOWING NFE 27-611

OU / OR

2x VIS M6 TETE HEXAGONAL TYPE 1 SUIVANT NES 2114_2006_NI
2x SCREWS M6 HEXAGONAL HEAD TYPE 1 FOLLOWING NES 2114_2006_NI
COUPLE DE SERRAGE : 8Nm±10%
SCREWING TORQUE : 8Nm±10%
(VOIR NOTE 7 EN PAGE 1 / *SEE NOTE 7 ON PAGE 1*)





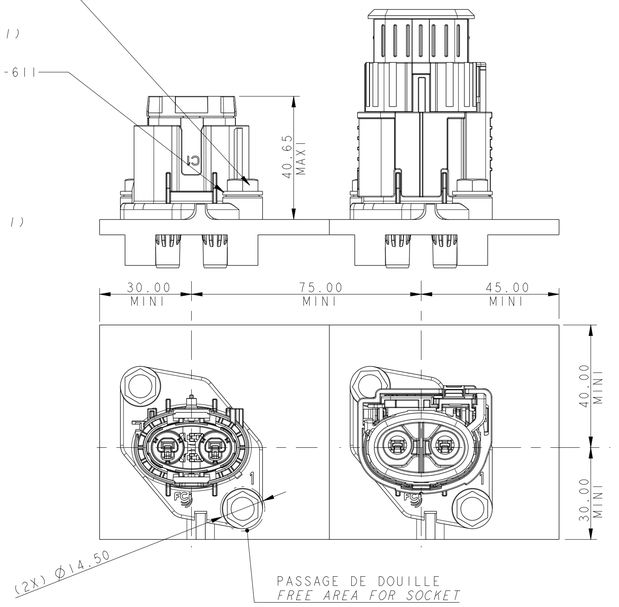
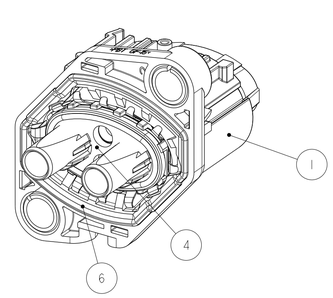
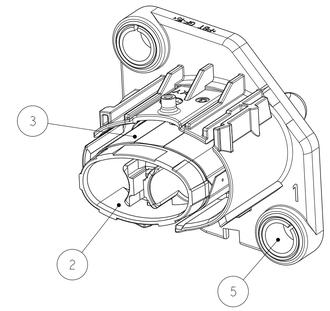


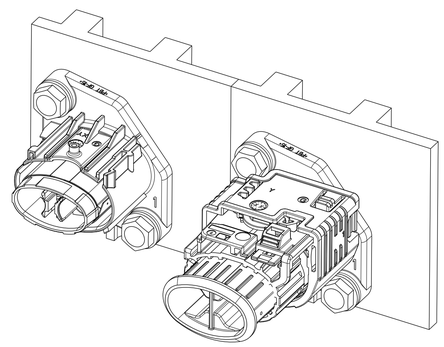
TABLEAU DES COMPOSANTS CONSTITUANT LE PRODUIT
COMPONENTS TABLE CONSTITUTING THE PRODUCT

REPERE	DESIGNATION *TITLE*	COULEUR *COLOR*	MATIERE *MATERIAL*	QUANTITE *QUANTITY*
1	BOITIER EXTERNE *OUTER HOUSING*	ORANGE *ORANGE*	PBT 15% FV *PBT GF 15*	1
2	MODULE *INNER HOUSING*	ORANGE *ORANGE*	PBT 15% FV *PBT GF 15*	1
3	BLINDAGE *SHIELD*	-	ALLIAGE DE CUIVRE *COPPER ALLOY*	2
4	JOINT PLAT *FLAT SEAL*	GRIS *GREY*	SILICONE LSR *LSR SILICON*	1
5	INSERT METALLIQUE *METALIC INSERT*	-	ACIER *CARBON STEEL*	2
6	JOINT DE BLINDAGE *SEAL FOR SHIELD*	GRIS *GREY*	*SILICONE LSR LSR SILICONE*	1

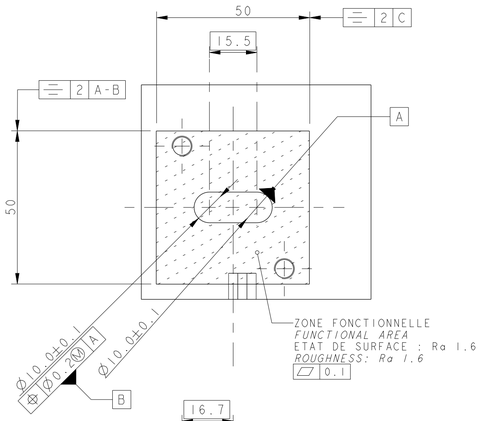


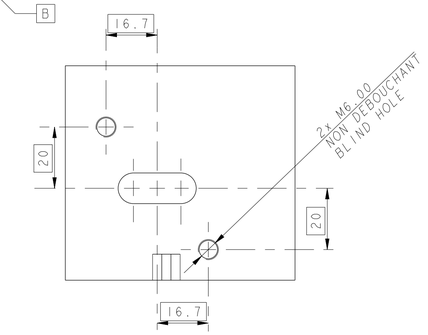


SCALE 3:2



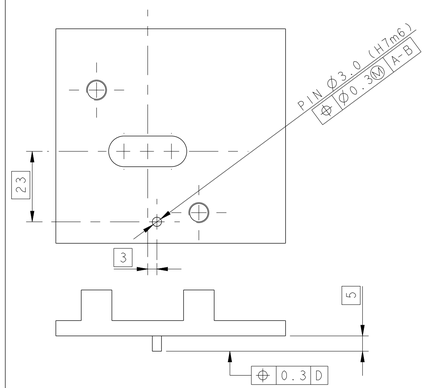
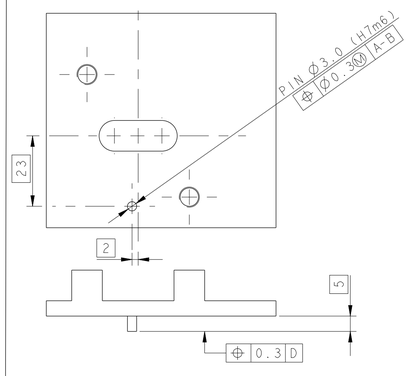
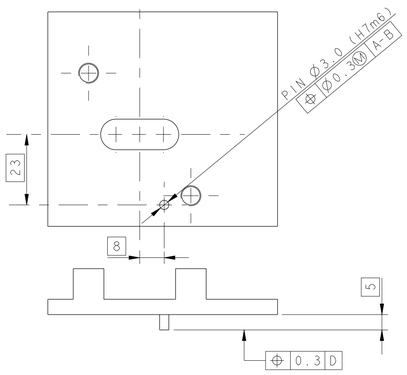
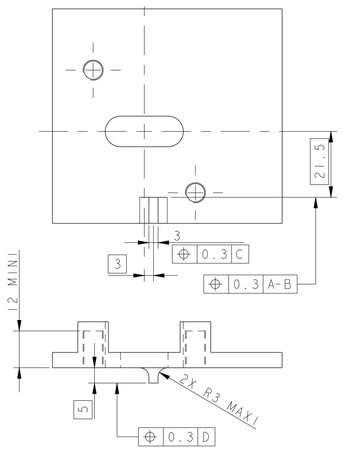
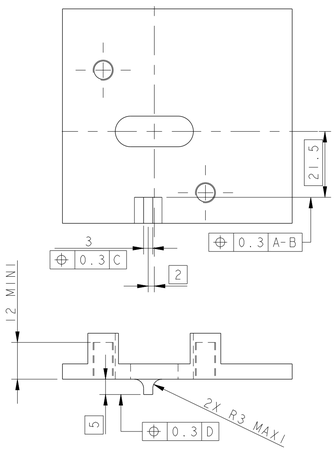
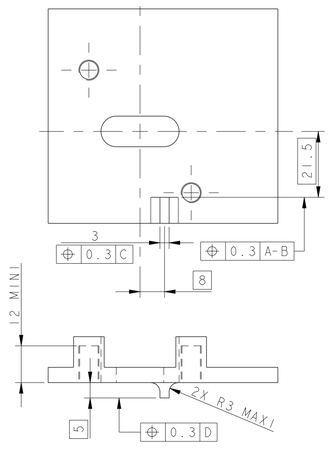
DEFINITION DE L'INTERFACE POUR MONTAGE EMBASE
DEFINITION OF THE INTERFACE TO ASSEMBLE THE HEADER





NOTES:
LA REFERENCE C EST DEFINIE AU MILIEU DU SEGMENT [AB] NORMAL A [A-B]
THE REFERENCE C IS DEFINED IN THE MIDDLE OF SEGMENT [AB] NORMAL TO THE REFERENCE [A-B]

MATIERE: ALLIAGE D'ALUMINIUM (TENUE BROUILLARD SALIN + TEST ELECTRIQUE DE LA FE PS 10 006)
MATERIAL: ALUMINIUM ALLOY (SALT SPRAY TEST + ELECTRICAL TEST FROM FE PS 10 006)

	CODAGE 1 *KEY 1*	CODAGE 2 *KEY 2*	CODAGE 3 *KEY 3*
CAS N°1 : CODAGE AVEC UNE GOUPILLE RAPPORTEE *USE CASE N°1 : CODING WITH A PIN*	 ATTENTION : TROU RECEVANT LA GOUPILLE NON DEBOUCHANT *WARNING : BLIND HOLE TO RECEIVE THE PIN*	 ATTENTION : TROU RECEVANT LA GOUPILLE NON DEBOUCHANT *WARNING : BLIND HOLE TO RECEIVE THE PIN*	 ATTENTION : TROU RECEVANT LA GOUPILLE NON DEBOUCHANT *WARNING : BLIND HOLE TO RECEIVE THE PIN*
CAS N°2 : CODAGE DANS LE MOULE *USE CASE N°2 : CODING INTO THE DIE CAST*			

-	-	-
	-	-
	-	-
	-	-
	-	KEY 3 AVAILABLE (SEE SHEET 1)
ECN-NO. *NUMERO ECN*	POSITION *POSITION*	CHANGE DESCRIPTION *MODIFICATION*

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

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

	NAME *NOM*	DATE
CREATED BY *CREE PAR*	Gilles SCHMITT	2013/02/02
MODIFIED BY *MODIF. PAR*	S.LACOTE	2015/07/15
CHECKED BY *VERIF. PAR*	Gilles SCHMITT	2015/07/15
APPROVED BY *APPR. PAR*	Jean FABRE	2015/08/26

TITLE *DESIGNATION*: 2W APEX 280 V2 MALE CONNECTOR
PROJECT *PROJET*: 2W APEX280 POWER V2 CONNECTOR
ECN NO *NUMERO ECN*: EU-090006
CAT. NO. *NUMERO CAT.*: -
FILE NAME *NOM DE FICHIER*: PCC0726959
DOCUMENT UNDER PDS CONTROL *DOCUMENT GERE SOUS P.D.S.*
NO MODIFICATION ALLOWED OUTSIDE *PAS DE MODIFICATION EN DEHORS*

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
EPERNON, FRANCE
ISO PROJECTION *PROJECTION ISO*
DIMENSION IN MILLIMETERS *DIMENSIONS EN MILLIMETRES*
CAD SYSTEM: pro / eng.
DWG SIZE *FORMAT*: A1
DRAWING NUMBER *REF. PLAN*: PCC0726959
REV. *IND.*: D
STATE *ETAT*: SERIAL RELEASED
PART NUMBER *REF. ARTICLE*: See Table
REV. *IND.*: -
APPROVAL LEVEL *NIV. D'APPROBATION*: -
SHEET *FEUILLE*: 2 of / sur 2
SCALE *ECH.*: 1:1

EIR C04 - 1 / 2 F29

Mouser Electronics

Authorized Distributor

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

Aptiv:
F036010