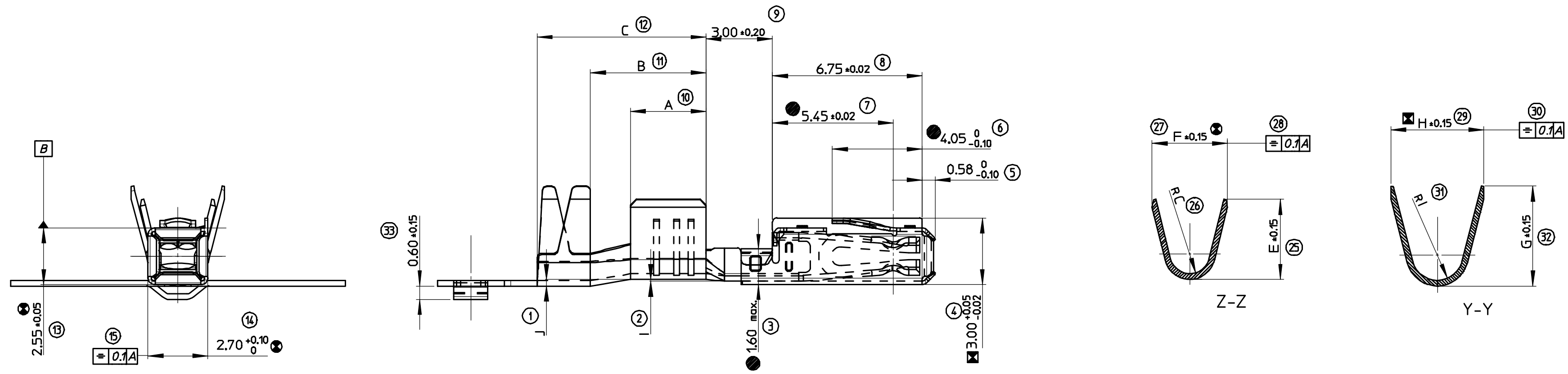
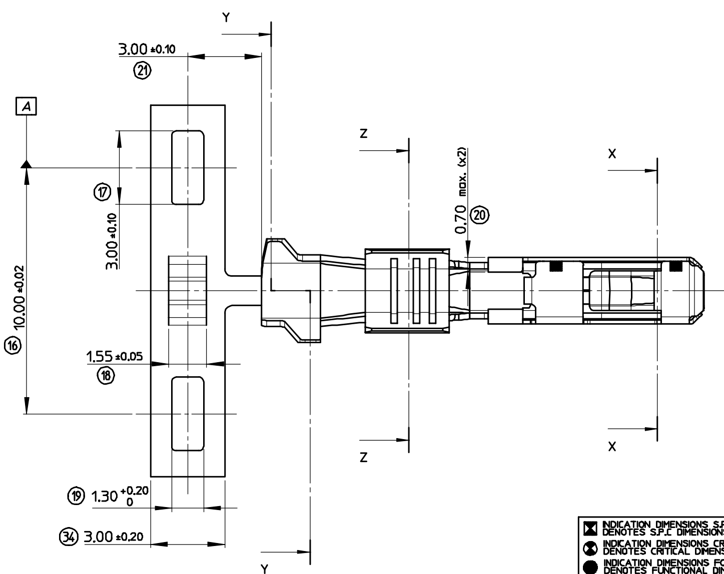
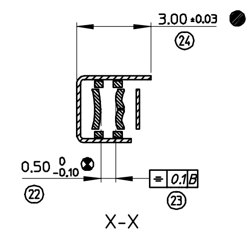






CE PLAN ETANT UN EXTRAIT DU PLAN DE DEFINITION, POUR TOUT LITIGE ON FERA REFERENCE AU PLAN DE DEFINITION.

THIS DRAWING IS AN EXTRACT OF THE PART DRAWING, FOR ANY LITIGATION THE PART DETAIL DRAWING WILL BE THE ONLY REFERENCE.

NOTICE DE CONTROLE:
AU PIED A COULISSE OU AU PROJECTEUR DE PROFIL, VERIFIER LES COTES INDIQUEES SUR LE DESSIN DU CLIP.

CONTROL SPECIFICATION:
WITH A SLIDING CALIPER OR A PROFILE PROJECTOR, MEASURE THE NOTED DIMENSIONS ON THE DRAWING.

INDICATION DIMENSIONS S.P.C / DENOTES S.P.C DIMENSIONS
INDICATION DIMENSIONS CRITIQUES / DENOTES CRITICAL DIMENSIONS
INDICATION DIMENSIONS FONCTIONNELLES / DENOTES FUNCTIONAL DIMENSIONS

QUANTITE PAR FEUILLE INDIVIDUELLE / QUANTITY PER INDIVIDUAL SHEET: 2 · 4 · 4

SHT	REV
2	B
1	B

Assembled terminal Part number MOLEX	Crimping Range Gammes de sertissage	Material Terminal's Body Matière Corps du contact	Material / Matière Terminal's Sleeve Cage de protection	Part weight Poids Pièce (grams)	Crimp area dimensions table / Tableau des dimensions zone de sertissage										
					Length Longueurs			conductor crimp sertissage conducteur				Insulation Crimp Sertissage Isolant			
					A	B	C	RC	E	F	I	RI	G	H	J
98195-1211	0.35 to 0.50 mm²	CuCrSiTi Tin pre-plated. Tin Thickness : 1-3 µm. HOT TIN DIP	Stainless Steel X12 CrNi 17.7	Body/Corps: 0.17 Sleeve/Cage : 0.09	3.40	5.10	7.60	R0.50	1.90	2.10	0.40	R1.00	2.90	2.90	0.20
98195-1212	0.5 to 1 mm²	CuCrSiTi Tin pre-plated. Tin Thickness : 1-3 µm. HOT TIN DIP		Body/Corps: 0.18 Sleeve/Cage : 0.09	3.40	5.10	7.60	R0.60	2.50	2.90	0.40	R1.00	3.80	3.90	0.20
98195-1213	>1 to 2.5 mm²	CuCrSiTi Tin pre-plated. Tin Thickness : 1-3 µm. HOT TIN DIP		Body/Corps: 0.21 Sleeve/Cage : 0.09	3.40	5.20	7.60	R0.90	3.60	3.40	0.40	R1.15	4.50	4.20	0.20

EC NO: G2004-0072
DRWN: LSTICKEI 2003/09/08
CH'KD: PDECHELE 2003/09/08
APPR: CBOUCHAN 2003/09/16
REV B

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 10:1 · DESIGN UNITS METRIC · FIRST ANGLE PROJECTION · REVISE ON CAD ONLY

DIMENSION STYLE: MM ONLY

DRAWN BY PDE · DATE 2001/03/10
CHECKED BY LST · DATE 2001/08/20
APPROVED BY WMO · DATE 2001/09/17

TITLE
MOX 1.5MM TERMINAL RECEPTACLE TERMINAL CONTROL SPECIFICATION

MOLEX INCORPORATED

MATERIAL NO. SEE CHART · DOCUMENT NO. SD-98195-002 · SHEET NO. 1 OF 2

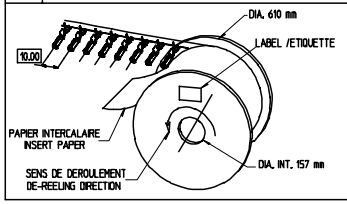
A1

tb_frame_A1_P_AM
rev. B1 2000/08/01

1 SERTISSAGE CRIMPING

FIL / WIRE					CONTACT / TERMINAL REFERENCES PART # MOLEX		PARAMETRES DE SERTISSAGE CRIMPING PARAMETERS																	
							SERTISSAGE CUIVRE WIRE BARREL									FRETTAGE ISOLANT INSULATION BARREL								
										Poinçon Conducteur Conductor Punch				Eclume Conducteur Conductor Anvil					Poinçon Isolant Insulation Punch			Eclume Isolant Insulation Anvil			
TYPE	SECTION REELLE REAL SECTION	NOMBRE DE BRINS STRANDS NUMBER	DIA. BRIN MAX. MAX STRANDS DIA.	DIAMETRE ISOLANT INSULATION DIAMETER	VERSION ETAMEE TIN PLATED VERSION	VERSION DOREE GOLD PLATED VERSION	HAUTEUR HEIGHT C h (mm)	LARGEUR WIDTH C w (mm)	TRACTION MIN POUR RUPTURE MIN TENSILE FOR INFORMATION	R1 (mm)	M (mm)	N (mm)	O (mm)	P (mm)	R2 (mm)	R (mm)	HAUTEUR HEIGHT D h (mm)	LARGEUR WIDTH E l (mm)	R5 (mm)	U (mm)	V (mm)	W (mm)	RX (mm)	Y (mm)	Z (mm)
0.22 103	0.22 mm²	7	0.20 mm	1.20 +0.05 -0.05	98195-1211	T.B.D	0.85 ±0.03	1.4	> 50 N	0.36	1.35	5.50	9.0	0.13	1.00	1.35	1.40 ±0.05	2.15	1.08	6.20	9.8	0.39	1.40	2.25	0.20
0.35 1R3	0.34 mm²	7	0.25 mm	1.30 +0.10 -0.05			0.90 ±0.03	1.4	> 60 N	0.36	1.35	5.50	9.00	0.13	1.00	1.35	1.70 ±0.05	2.20	1.08	6.20	9.8	0.39	1.40	2.25	0.20
0.50 103	0.495 mm²	7	0.30 mm	1.40 +0.10 0.00			0.95 ±0.03	1.4	> 80 N	0.36	1.35	5.50	9.00	0.13	1.00	1.35	1.85 ±0.05	2.20	1.08	6.20	9.8	0.39	1.40	2.25	0.20
0.50 103	0.495 mm²	7	0.30 mm	1.40 +0.10 0.00	98195-1212	T.B.D	1.05 ±0.03	1.85	> 80 N	0.48	1.80	6.00	9.00	0.23	1.10	1.80	1.90 ±0.05	2.45	1.08	6.20	9.8	0.39	1.40	2.25	0.20
0.60 1R3	0.59 mm²	12	0.25 mm	1.80 +0.10 -0.05			1.10 ±0.03	1.85	> 100 N	0.48	1.80	6.00	9.00	0.23	1.10	1.80	2.10 ±0.05	2.45	1.20	6.50	9.8	0.41	1.60	2.50	0.20
0.75 103	0.79 mm²	19	0.23 mm	1.70 +0.10 -0.10			1.15 ±0.03	1.85	> 100 N	0.48	1.80	6.00	9.00	0.23	1.10	1.80	2.05 ±0.05	2.45	1.20	6.50	9.8	0.41	1.60	2.50	0.20
1.00 103	0.933 mm²	19	0.25 mm	1.80 +0.10 -0.05			1.25 ±0.03	1.85	> 120 N	0.48	1.80	6.00	9.00	0.23	1.10	1.80	2.10 ±0.05	2.45	1.20	6.50	9.8	0.41	1.60	2.50	0.20
1.40 1R3	1.33 mm²	27	0.25 mm	2.30 +0.10 -0.05	98195-1213	T.B.D	1.35 ±0.03	2.5	> 180 N	0.649	2.45	6.00	9.20	0.31	1.50	2.45	2.60 ±0.05	2.65	1.248	6.60	10.3	0.49	1.60	2.60	0.30
1.50 103	1.53 mm²	19	0.32 mm	2.20 +0.05 -0.10			1.40 ±0.03	2.5	> 180 N	0.649	2.45	6.00	9.20	0.31	1.50	2.45	2.60 ±0.05	2.65	1.248	6.60	10.3	0.49	1.60	2.60	0.30
2.00 1R3	1.82 mm²	37	0.25 mm	2.60 +0.10 -0.05			1.50 ±0.03	2.5	> 220 N	0.649	2.45	6.00	9.20	0.31	1.50	2.45	2.70 ±0.05	2.65	1.248	6.60	10.3	0.49	1.60	2.60	0.30
2.00 103	1.88 mm²	60	0.20 mm	2.45 +0.10 -0.10			1.50 ±0.03	2.5	> 220 N	0.649	2.45	6.00	9.20	0.31	1.50	2.45	2.70 ±0.05	2.65	1.248	6.60	10.3	0.49	1.60	2.60	0.30
2.50 103	2.45 mm²	50	0.25 mm	2.80 +0.10 -0.10			1.55 ±0.03	2.5	> 220 N	0.649	2.45	6.00	9.20	0.31	1.50	2.45	2.75 ±0.05	2.65	1.248	6.60	10.3	0.49	1.60	2.60	0.30

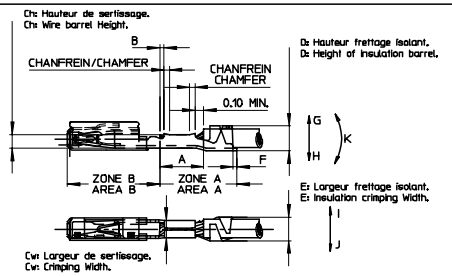
2 CONDITIONNEMENT PACKAGING



QUANTITE PAR BOBINE: 5000 pieces
3 CARTONS MAXI PAR PALETTE 620x640
MANIPULATION ET STOCKAGE A L'HORIZONTALE
NE PAS SUPERPOSER PLUS DE 3 CARTONS
SPECIFICATION DE CONDITIONNEMENT : PP-98195-001

QUANTITY PER REEL: 5000 parts
3 CARDBOARD BOXES MAXI PER PALETTE 620x640
HORIZONTAL MANIPULATION AND STOCKAGE
DO NOT PILE UP MORE THAN 3 CARDBOARD BOXES
PACKAGING SPECIFICATION : PP-98195-001

3 CLIP FEMALE TERMINAL

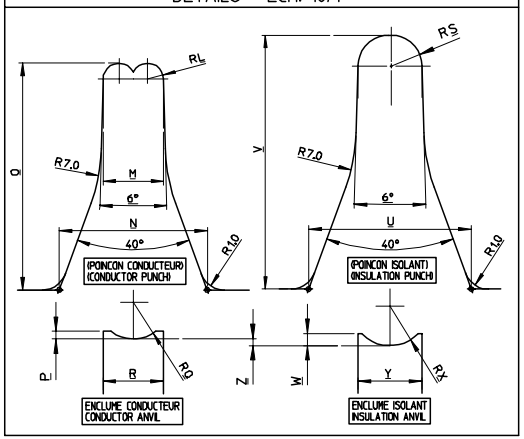


CARACTERISTIQUES A VERIFIER CHARACTERISTICS TO BE CHECKED		VALEUR A MESURER VALUES TO BE MEASURED	REPERE REFERENCE
DEFORMATION APRES SERTISSAGE DEFORMATION AFTER CRIMPING ZONE A- ZONE B	Flexion vers le haut / Flexion to the top	2° MAXI	G
	Flexion vers le bas / Flexion to the bottom	2° MAXI	H
	TORSION	4° MAXI	K
Deformation suivant axe de la pièce/Deformation following terminal axis		4° MAXI	I - J
LONGUEUR DE DENUDAGE/STRIPPING LENGTH		5 +0/-0.4	A
DEPASSEMENT DU FIL / WIRE EXCEED		0.6 +0/-0.4	B
TEMOIN DE DECOUPE / CUT-OFF		0.3 MAXI	F
CHANFREINS/CHAMFERS		IDENTIFIABLES VISUELLEMENT/VISUAL INSPECTION	

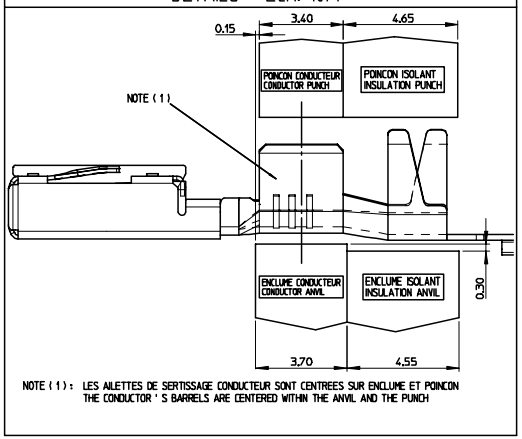
4 PRECONISATION APPLICATEUR / TOOLING SPECIFICATION

TOLERANCES APPLICATEUR / TOOLING TOLERANCES : DIMENSION / DIMENSION - ±0.05 RAYONS / RADIUS - ±0.05 ANGLE / ANGLE - ±0°15' SYMETRIE / SYMETRY - 0.03

- DETAILS - ECH: 10/1 -



- DETAILS - ECH: 10/1 -



NOTE (1) : LES AILETTES DE SERTISSAGE CONDUCTEUR SONT CENTREES SUR ENCLUME ET POINCON
THE CONDUCTOR ' S BARRELS ARE CENTERED WITHIN THE ANVIL AND THE PUNCH

EC NO: G2004-0072
DRWN: LSTICKEL 2003/09/08
CHKD: PDECHELE 2003/09/08
APPR: CBOUCHAN 2003/09/16
REV B
DESCRIPTION
QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 1:1 | DESIGN UNITS METRIC | FIRST ANGLE PROJECTION | REVISE ON CAD ONLY

DIMENSION STYLE MM ONLY

DRAWN BY PDE DATE 2001/03/10

CHECKED BY LST DATE 2001/08/20

APPROVED BY WMO DATE 2001/09/17

TITLE: MOX 1.5MM TERMINAL RECEPTACLE TERMINAL CONTROL SPECIFICATION

MOLEX INCORPORATED

MATERIAL NO. SEE SHEET 1 | DOCUMENT NO. SD-98195-002 | SHEET NO. 2 OF 2

A1

tb_frame_A1_P_AM rev. B1 2000/08/01