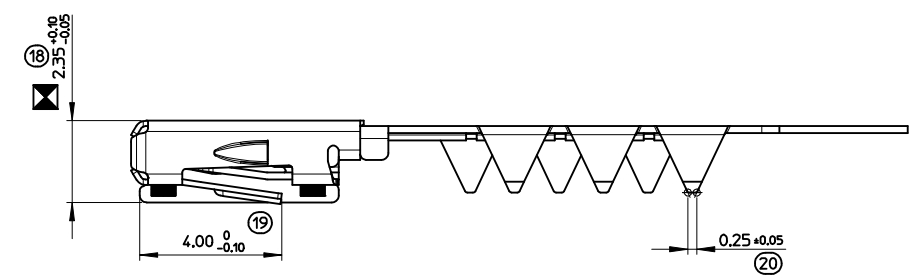
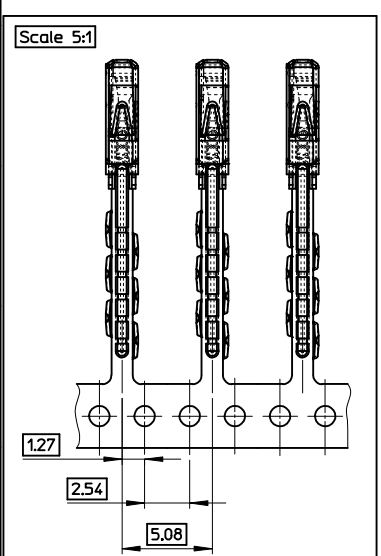
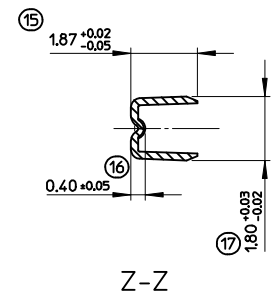
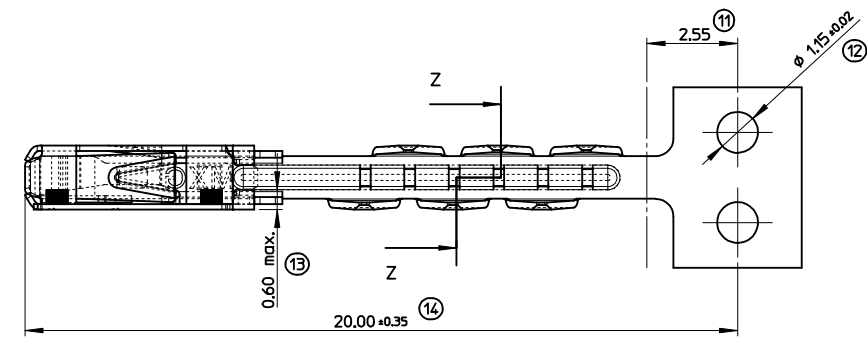


	MOLEX REFERENCE	GAP AREA	CRIMPING AREA
TIN PLATED VERSION	98194-1211	HOT TIN DIP Sn = 1.0 to 3.0 microns	
GOLD PLATED VERSION	98194-1221	Au = 0.3 microns mini Ni = 1.0 microns mini	Sn = 1.0 to 5 microns mini Ni = 1.0 microns mini



⊠	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	
⊠ - 1	⊗ - 4 ● - 0

2	F
1	F
SHT REV	

CHANGED TOL. ON POS. 16

EC NO:	G2018-0009
DRWN:	GRANDCL 2017/08/11
CHKD:	DUCLOS 2017/08/11
APPR:	OPLESSIS 2017/08/30
REV	DESCRIPTION

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		TITLE MOX 0.635 TERMINAL FFC/FPC CRIMP VERSION	
DRAWN BY LSTICKEI	DATE 2000/04/17	MATERIAL NO. SEE CHART	
CHECKED BY MANDRE	DATE 2000/05/29	DOCUMENT NO. SD-98194-002	SHEET NO. 1 OF 2
APPROVED BY WMORITZ	DATE 2000/05/30	MOLEX INCORPORATED	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

1

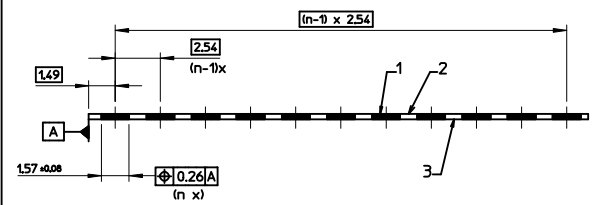
SERTISSAGE CRIMPING

	FFC / FLAT FLEX CABLE FPC / FLEX PRINTED CIRCUIT					CONTACT / TERMINAL REFERENCES PART #		PARAMETRES DE SERTISSAGE CRIMPING PARAMETERS		
	Largeur Conductor Conductor Width	Epaisseur Conductor Conductor Thickness	Epaisseur Film Polyester Polyester Film Thickness	Epaisseur Couche Adhésive Adhesive Layer Thickness	Epaisseur Cable Cable Thickness	MOLEX		SERTISSAGE CUIVRE WIRE BARREL		
						VERSION ETAMEE TIN PLATED VERSION	VERSION DOREE GOLD PLATED VERSION	HAUTEUR HEIGHT C (mm)	LARGEUR WIDTH G (mm)	TRACTION SUR 2 CONTACTS TENSILE FORCE ON 2 CRIMPED TERMINALS (FOR INFORMATION NEUTRON)
FFC	157 ±0.076	0.063-0.115 mm	0.050 mm MAX (x2) (*)	0.050 mm MAX (x2) (*)	0.33 MAX.	98194-1211	98194-1221	0.93 ±0.03	1.85 MAX	> 50N
FPC	157 ±0.070	0.070 ±0.013 mm	0.050 mm MAX (x1) (*)	0.020 mm MAX (x1) (*)	0.33 MAX.	98194-1211	98194-1221	0.91 ±0.03	1.85 MAX	> 50N

- (*)
- (x2) means that the copper conductor is laminated between a top and bottom insulation.
 - (x1) means that the copper conductor is stripped (without any insulation or coverlay) on one side only.
 - (x2) signifie que le conducteur cuivre est pris en sandwich entre une isolation supérieure et inférieure.
 - (x1) signifie que le conducteur cuivre est dénudé sur une face uniquement (sans isolation ou film de protection)

2

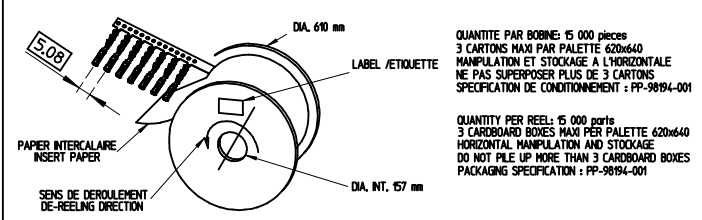
TOLERANCE DE POSITIONNEMENT POSITIONING TOLERANCE



- 1 : Bare copper conductor / Conducteur cuivre
 2 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.
 3 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.

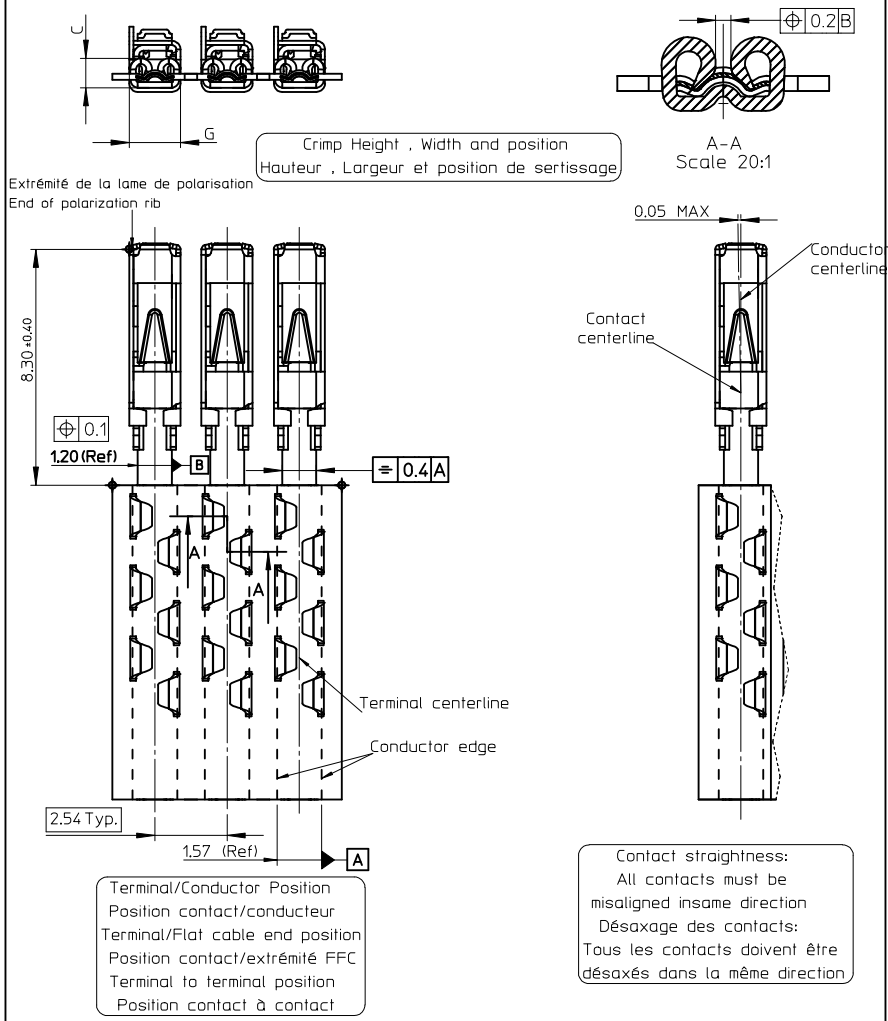
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CONDITIONNEMENT PACKAGING

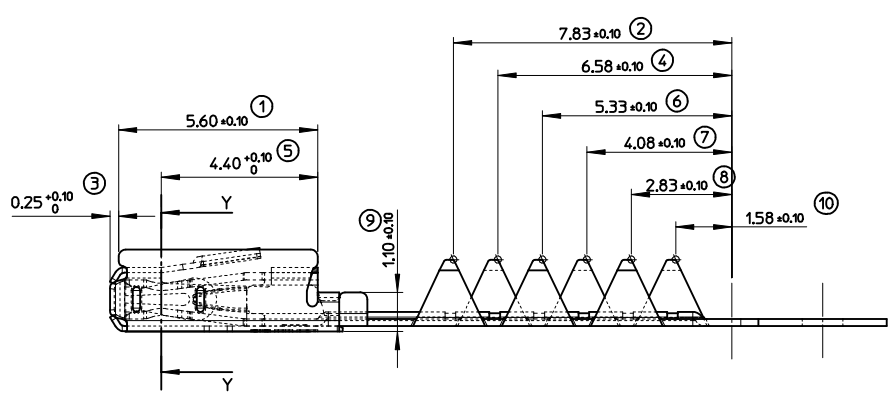
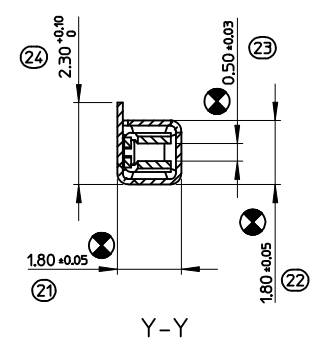


3

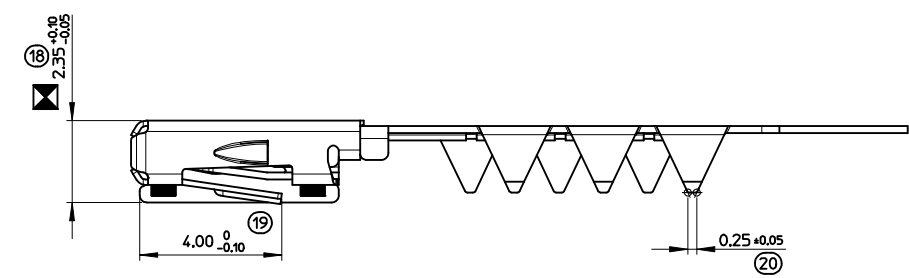
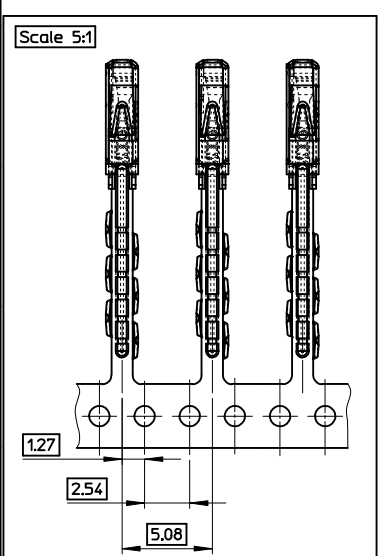
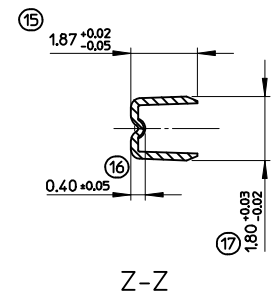
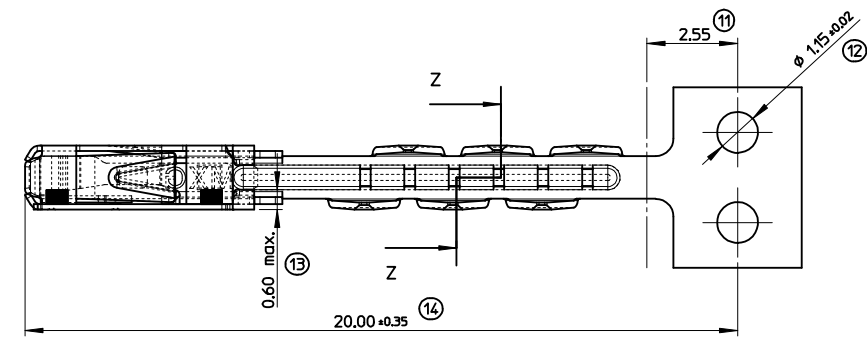
INSPECTION DU CONTACT FLEX FLEX TERMINAL INSPECTION



SEE SHEET 0009	EC NO: G2018-0009	DRAWN: GRANT CESSIS 2017/04/18	CHKD: JOLICSS 2017/06/19	APPR: OPLESSIS 2017/08/30	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE
					mm	INCH	MM ONLY	10:1	METRIC	PROJECTION
					4 PLACES	± ---	DRAWN BY	DATE	TITLE	
					3 PLACES	± ---	LSTICKEI	2000/04/17	MOX 0,635 TERMINAL	
					2 PLACES	± 0.05	CHECKED BY	DATE	FFC/FPC CRIMP VERSION	
					1 PLACE	± 0.10	MANDRE	2000/05/29		
					0 PLACE	±	APPROVED BY	DATE		
							WMORITZ	2000/05/30		
							MATERIAL NO.	DOCUMENT NO.		
							SEE SHT 1	SD-98194-002		
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



	MOLEX REFERENCE	GAP AREA	CRIMPING AREA
TIN PLATED VERSION	98194-1211	HOT TIN DIP Sn = 1.0 to 3.0 microns	
GOLD PLATED VERSION	98194-1221	Au = 0.3 microns mini Ni = 1.0 microns mini	Sn = 1.0 to 5 microns mini Ni = 1.0 microns mini



⊠	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	
⊠ - 1	⊗ - 4 ● - 0

2	F
1	F
SHT REV	

CHANGED TOL. ON POS. 16

EC NO:	G2018-0009
DRWN:	GRANDCL 2017/08/11
CHKD:	DUCLOS 2017/08/11
APPR:	OPLESSIS 2017/08/30
REV	DESCRIPTION

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	DESIGN UNITS
10:1	METRIC
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
LSTICKEI	2000/04/17
CHECKED BY	DATE
MANDRE	2000/05/29
APPROVED BY	DATE
WMORITZ	2000/05/30

FIRST ANGLE PROJECTION	REVISE ON CAD ONLY
TITLE	
MOX 0.635 TERMINAL FFC/FPC CRIMP VERSION	
MATERIAL NO. DOCUMENT NO. SHEET NO.	
SEE CHART	SD-98194-002 1 OF 2
MOLLEX MOLEX INCORPORATED	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

1

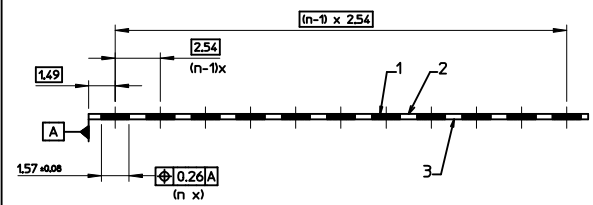
SERTISSAGE CRIMPING

	FFC / FLAT FLEX CABLE FPC / FLEX PRINTED CIRCUIT					CONTACT / TERMINAL REFERENCES PART #		PARAMETRES DE SERTISSAGE CRIMPING PARAMETERS		
	Largeur Conductor Conductor Width	Epaisseur Conductor Conductor Thickness	Epaisseur Film Polyester Polyester Film Thickness	Epaisseur Couche Adhésive Adhesive Layer Thickness	Epaisseur Cable Cable Thickness	MOLEX		SERTISSAGE CUIVRE WIRE BARREL		
						VERSION ETAMEE TIN PLATED VERSION	VERSION DOREE GOLD PLATED VERSION	HAUTEUR HEIGHT C (mm)	LARGEUR WIDTH G (mm)	TRACTION SUR 2 CONTACTS TENSILE FORCE ON 2 CRIMPED TERMINALS (FOR INFORMATION NEUTRON)
FFC	157 ±0.076	0,063-0,115 mm	0,050 mm MAX (x2) (*)	0,050 mm MAX (x2) (*)	0,33 MAX.	98194-1211	98194-1221	0,93 ±0,03	1,85 MAX	> 50N
FPC	157 ±0,070	0,070 ±0,013 mm	0,050 mm MAX (x1) (*)	0,020 mm MAX (x1) (*)	0,33 MAX.	98194-1211	98194-1221	0,91 ±0,03	1,85 MAX	> 50N

- (*)
- (x2) means that the copper conductor is laminated between a top and bottom insulation.
 - (x1) means that the copper conductor is stripped (without any insulation or coverlay) on one side only.
 - (x2) signifie que le conducteur cuivre est pris en sandwich entre une isolation supérieure et inférieure.
 - (x1) signifie que le conducteur cuivre est dénudé sur une face uniquement (sans isolation ou film de protection)

2

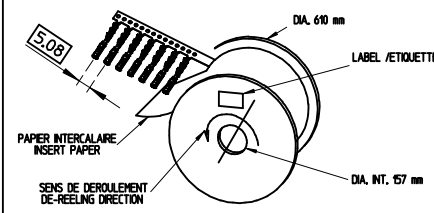
TOLERANCE DE POSITIONNEMENT POSITIONING TOLERANCE



- 1 : Bare copper conductor / Conducteur cuivre
 2 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.
 3 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.

4

CONDITIONNEMENT PACKAGING



QUANTITE PAR BOBINE: 15 000 pieces
 3 CARTONS MAXI PAR PALETTE 620x640
 MANIPULATION ET STOCKAGE A L'HORIZONTALE
 NE PAS SUPERPOSER PLUS DE 3 CARTONS
 SPECIFICATION DE CONDITIONNEMENT : PP-98194-001

QUANTITY PER REEL: 15 000 parts
 3 CARDBOARD BOXES MAXI PER PALETTE 620x640
 HORIZONTAL MANIPULATION AND STOCKAGE
 DO NOT PILE UP MORE THAN 3 CARDBOARD BOXES
 PACKAGING SPECIFICATION : PP-98194-001

3

INSPECTION DU CONTACT FLEX FLEX TERMINAL INSPECTION

Extrémité de la lame de polarisation
End of polarization rib

Crimp Height , Width and position
Hauteur , Largeur et position de sertissage

A-A
Scale 20:1

0.05 MAX

Conductor centerline

Contact centerline

Terminal centerline

Conductor edge

2.54 Typ.

1.57 (Ref)

Terminal/Conductor Position
Position contact/conducteur
Terminal/Flat cable end position
Position contact/extrémité FFC
Terminal to terminal position
Position contact à contact

Contact straightness:
All contacts must be
misaligned insame direction
Désaxage des contacts:
Tous les contacts doivent être
désaxés dans la même direction

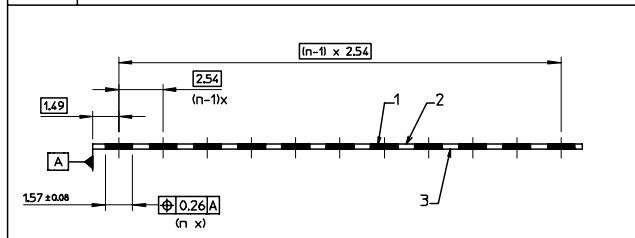
SEE SHEET 02019-0009	EC NO: G2018-0009	DRAWN: GRANT C. SSI: 2017/04/18/30	CHKD: J. J. L. S. 2017/06/19/30	APPR: OPLESSIS 2017/08/30	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE
					mm	INCH	MM ONLY	10:1	METRIC	PROJECTION
					4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	MOX 0,635 TERMINAL FFC/FPC CRIMP VERSION	
					3 PLACES ± --- ± ---	LSTICKEI	2000/04/17			
					2 PLACES ± 0.05 ± ---	CHECKED BY	DATE			
					1 PLACE ± 0.10 ± ---	MANDRE	2000/05/29			
					0 PLACE ± ±	APPROVED BY	DATE			
						WMORITZ	2000/05/30			
						MATERIAL NO.	DOCUMENT NO.	SD-98194-002		
						SEE SHT 1				SHEET NO.
						ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 2

1 SERTISSAGE CRIMPING

	FFC / FLAT FLEX CABLE FPC / FLEX PRINTED CIRCUIT		CONTACT / TERMINAL REFERENCES PART #		PARAMETRES DE SERTISSAGE CRIMPING PARAMETERS					
			MOLEX		SERTISSAGE CUIVRE WIRE BARREL					
	Largueur Conductor Conductor Width	Epaisseur Conductor Conductor Thickness	Epaisseur Film Polyester Polyester Film Thickness	Epaisseur Couche Adhésive Adhesive Layer Thickness	Epaisseur Cable Cable Thickness	VERSION ETAMÉE TIN PLATED VERSION	VERSION DORÉE GOLD PLATED VERSION	HAUTEUR HEIGHT C (mm)	LARGEUR WIDTH G (mm)	TRACTION MIN SUR 2 CONTACTS STRESS POUR INFORMATION MINIMUMS FOR INFORMATION NEWTON
FFC	157 ±0.076	0.063-0.15 mm	0.050 mm MAX (x2) (w)	0.050 mm MAX (x2) (w)	0.33 MAX.	98194-1211	98194-1221	0.93 ±0.03	1.85 MAX	> 50N
FPC	157 ±0.070	0.070 ±0.013 mm	0.050 mm MAX (x1) (x)	0.020 mm MAX (x1) (w)	0.33 MAX.	98194-1211	98194-1221	0.91 ±0.03	1.85 MAX	> 50N

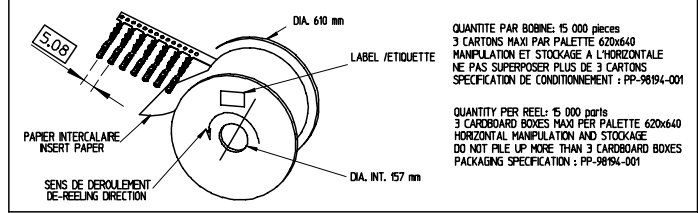
- (x)
- (x2) means that the copper conductor is laminated between a top and bottom insulation.
 - (x1) means that the copper conductor is stripped (without any insulation or coverlay) on one side only.
 - (x2) signifie que le conducteur cuivre est pris en sandwich entre une isolation supérieure et inférieure.
 - (x1) signifie que le conducteur cuivre est dénudé sur une face uniquement (sans isolation ou film de protection)

2 TOLERANCE DE POSITIONNEMENT POSITIONING TOLERANCE

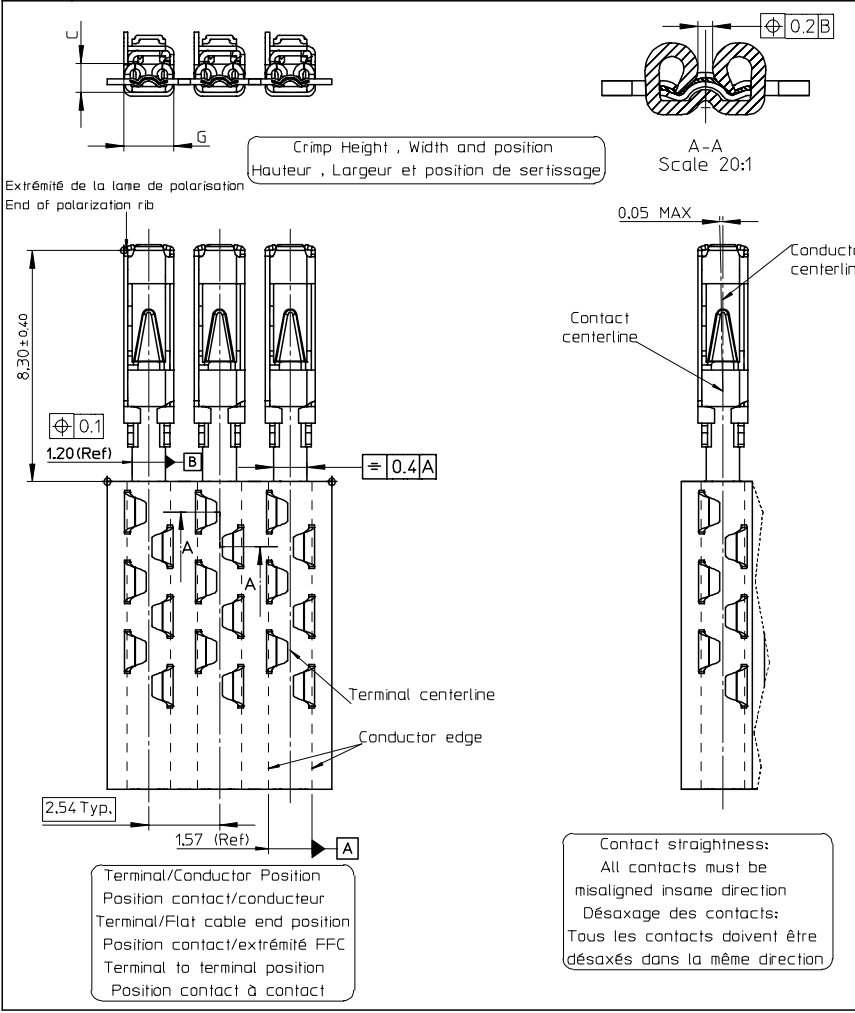


- 1 : Bare copper conductor / Conducteur cuivre
- 2 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.
- 3 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.

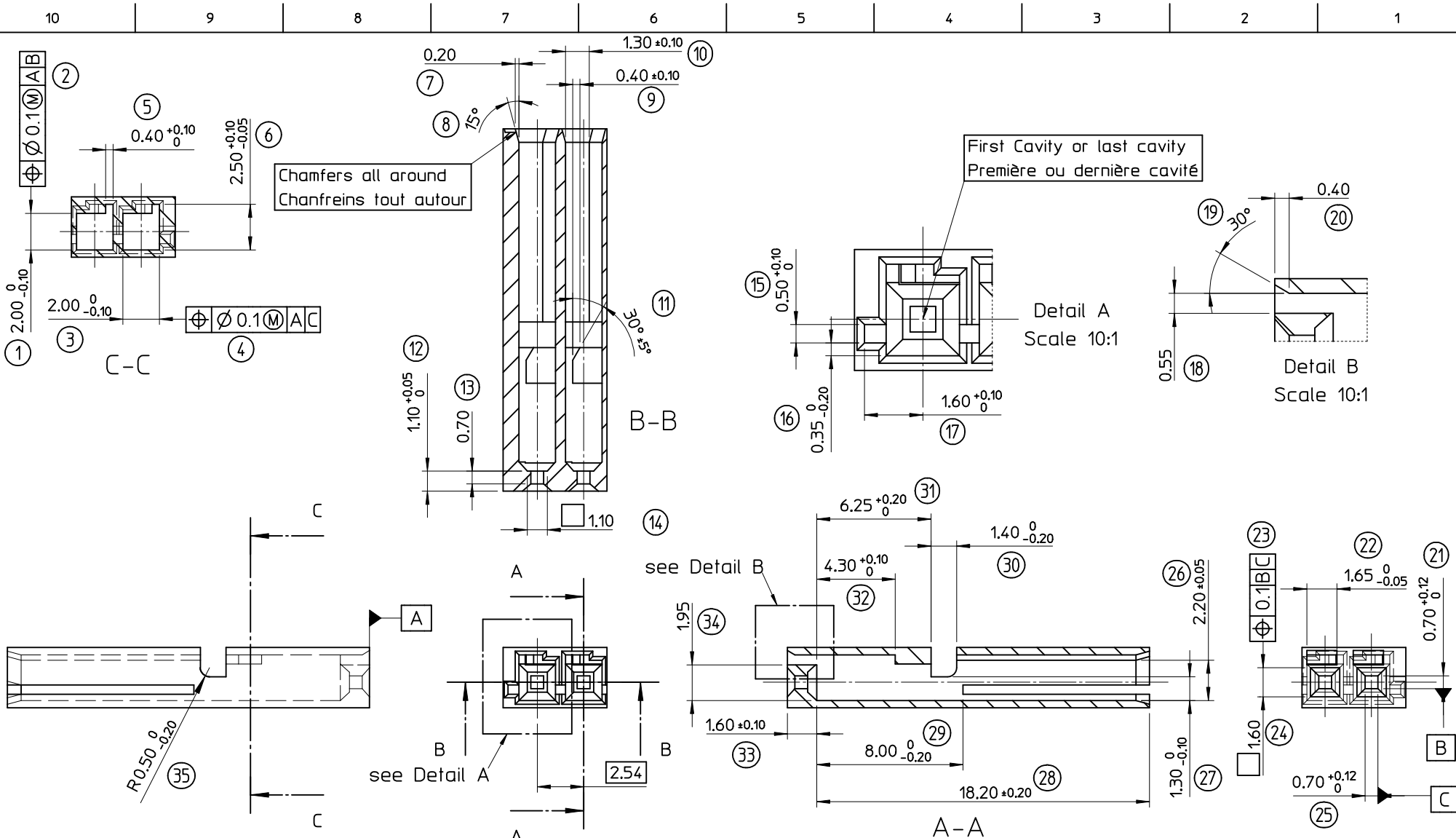
4 CONDITIONNEMENT PACKAGING



3 INSPECTION DU CONTACT FLEX FLEX TERMINAL INSPECTION



REV. UPDATE FOLL. SH. 1 REV.	EC NO: GZ007-0149	DRWN: PGRANDCL 2006/11/23	CHKD: MANDRE 2006/11/28	APPR: LSTICKEIR 2006/11/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 10:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	REVISE ON CAD ONLY
						mm INCH	10:1	METRIC		
						4 PLACES ± --- ± ---		MM ONLY		
						3 PLACES ± --- ± ---				
						2 PLACES ± 0.05 ± ---				
						1 PLACE ± 0.10 ± ---				
						ANGULAR ± 5°				
						DRAFT WHERE APPLICABLE				
						MUST REMAIN WITHIN DIMENSIONS				
						APPROVED BY WMORITZ				
						DATE 2000/05/30				
						MATERIAL NO. SEE SHT 1				
						DOCUMENT NO. SD-98194-002				
						SHEET NO. 2 OF 2				
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



NOTES:

- Dimensions 12, 13 and 33 have to be adjusted following the connector design and the requested contact overlapping.
- Les dimensions 12,13 et 33 doivent être modifiées suivant la définition de connecteur et la sécurité de contact exigée.

EC NO: G2002-0035 DRWN: LSTICKEI 2001/08/17 CHKD: MAN 2001/08/20 APPR: WINORITZ 2001/08/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 5:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	REVISE ON CAD ONLY	
	DESCRIPTION ▲ +0 ▽ -0	mm	INCH	DIMENSION STYLE MM ONLY		TITLE	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY LST	DATE 2001/08/06	STANDARD CAVITY MOX0.63 FLEX TERMINAL TERMINAL FRONT RELEASE	
		2 PLACES ± 0.05 ± ---	1 PLACE ± 0.10 ± ---	CHECKED BY MAN	DATE	MOLEX MOLEX INCORPORATED	
A	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE	APPROVED BY WMO	DATE	MATERIAL NO. N/A	DOCUMENT NO. SD-98194-005	
	MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 1 OF 1	A3	