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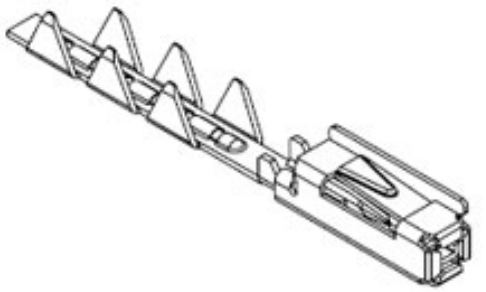
Part Number: 0981941221
Status: Active
Overview: mox_crimp_terminals
Description: 2.54mm (.100") Pitch MOX FFC/FPC Crimp Terminal, Female, 0.635mm (.025"), Reel, Selective Gold, Crimp

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Crimp Terminals
Series	98194
Comments	Terminal has Stainless Steel Sleeve
Crimp Quality Equipment	Yes
Overview	mox_crimp_terminals
Product Name	MOX

Physical

Gender	Female
Material - Metal	Copper-Nickel-Silicon, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	90/10 Tin Lead
Packaging Type	Reel
Plating min: Mating (µin)	12
Plating min: Mating (µm)	0.3
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	see sales drawing
Wire Size AWG	N/A
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-98194-002
Packaging Specification	PK-98194-001
Product Specification	RPS-98194-001
Sales Drawing	SD-98194-002, SD-98194-005

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
98194Series

Mates With
USCAR 0.635mm (.025") blade terminals

Use With
98197 , 98198 , 98199 (MOX FFC Connectors), various other connectors

Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
Secondary Lock Removal Tool for 35 Circuit Hybrid Receptacle Housing	0638139400

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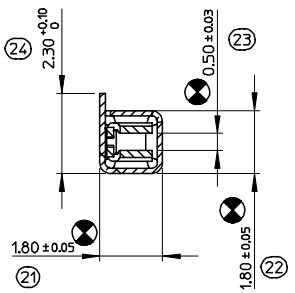
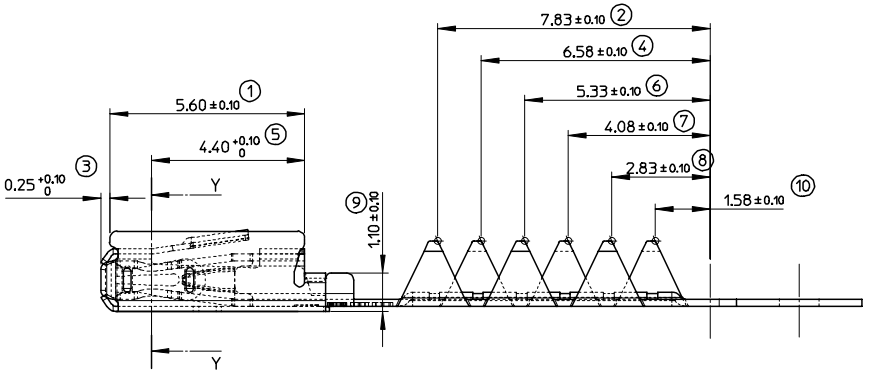
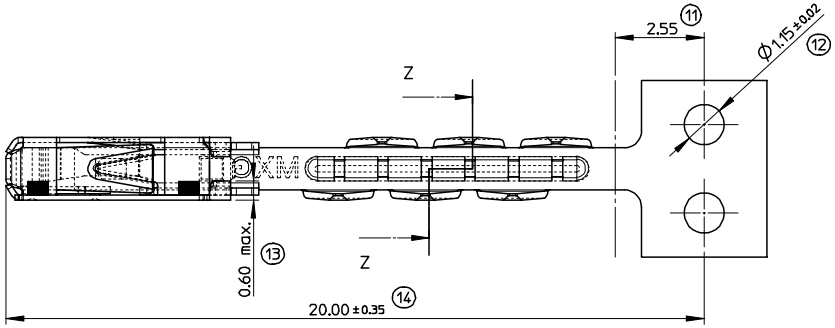
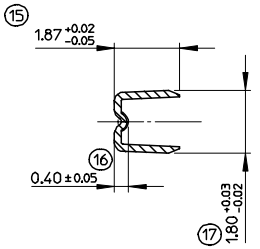


Y-Y

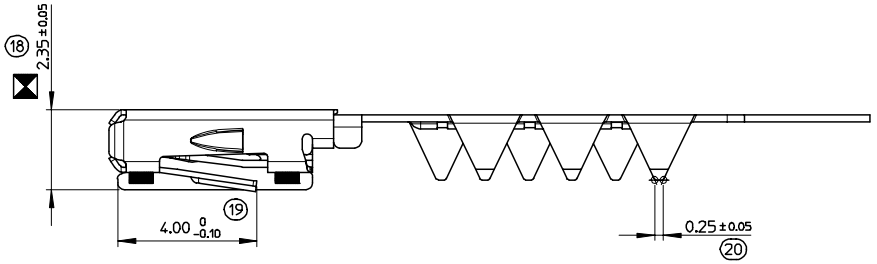


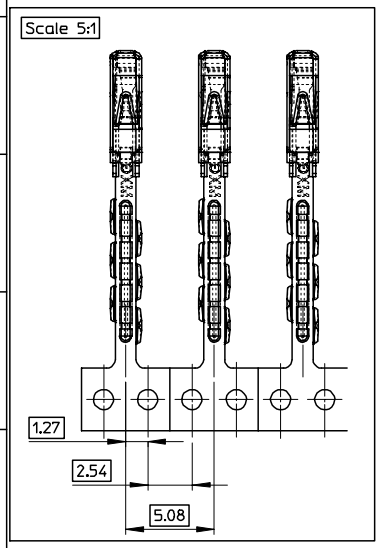
	MOLEX REFERENCE	GAP AREA	CRIMPING AREA
TIN PLATED VERSION	98194-1211	HOT TIN DIP Sn = 1.0 to 3.0 microns	
GOLD PLATED VERSION	98194-1221	Au = 0.3 microns mini Ni = 1.0 microns mini	Sn = 1.0 to 5 microns mini Ni = 1.0 microns mini





Z-Z





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

SHT	REV
2	E
1	E

UPDATE METAL STRIP SHAPE
EC NO: G2007-0149
DRWN:PGRANDCL 2006/11/23
CH'KD:MANDRE 2006/11/28
APPR:LSTICKEIR 2006/11/28
REV E
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

CHECKED BY: MANDRE DATE: 2000/05/29

APPROVED BY: WMORITZ DATE: 2000/05/30

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART | DOCUMENT NO.: SD-98194-002 | SHEET NO.: 1 OF 2

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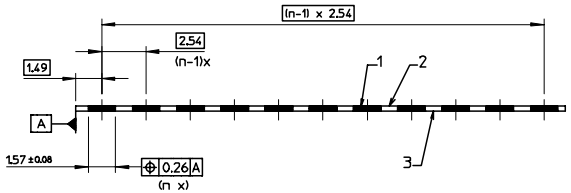
1 SERTISSAGE CRIMPING

	FFC / FLAT FLEX CABLE FPC / FLEX PRINTED CIRCUIT					CONTACT / TERMINAL REFERENCES PART # MOLEX		PARAMETRES DE SERTISSAGE CRIMPING PARAMETERS SERTISSAGE CUIVRE WIRE BARREL		
	Largeur Conducteur Conductor Width	Epaisseur Conducteur Conductor Thickness	Epaisseur Film Polyester Polyester Film Thickness	Epaisseur Couche Adhésive Adhesive Layer Thickness	Epaisseur Cable Cable Thickness	VERSION ETAMEE TIN PLATED VERSION	VERSION DOREE GOLD PLATED VERSION	HAUTEUR HEIGHT C (mm)	LARGEUR WIDTH G (mm)	TRACTION MIN SUR 2 CONTACTS SERTIS (POUR INFORMATION) MIN PULL FORCE FOR CRIMPED TERMINALS : FOR INFORMATION MENTION
FFC	1.57 ±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	1.57 ±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

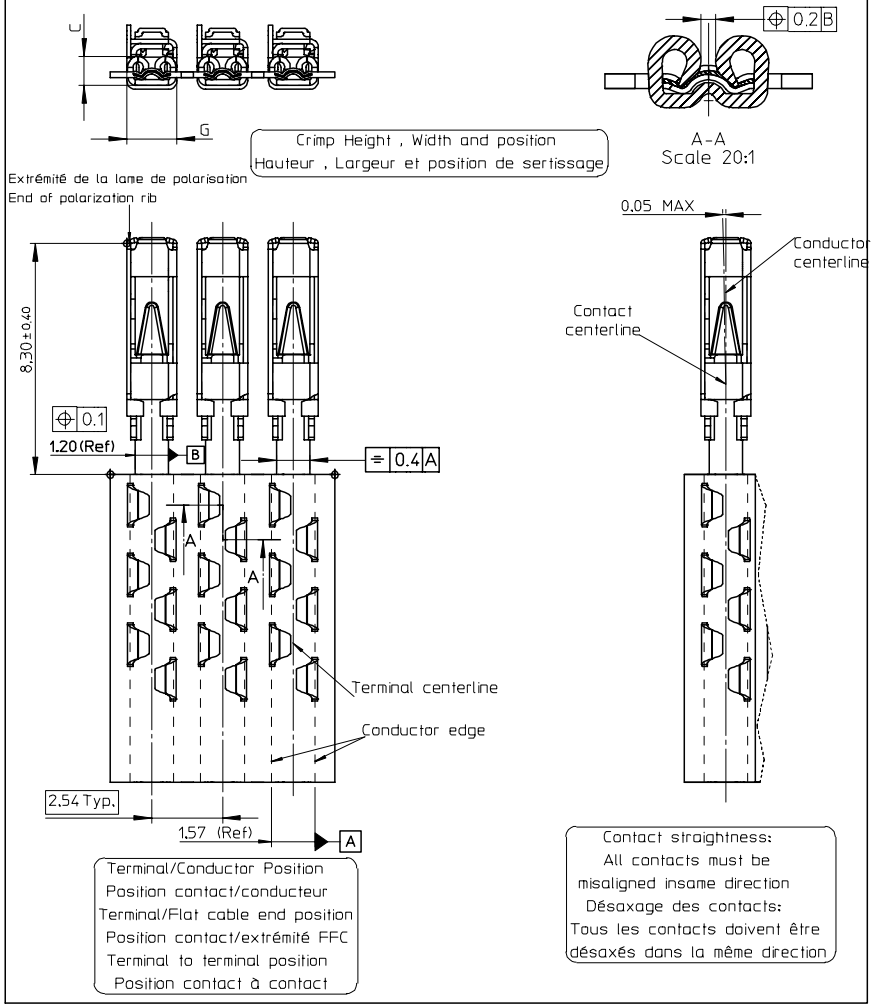
(*)
- (x2) means that the copper conductor is laminated between a top and bottom insulation.
- (x1) means that the copper conductor is stripped (without any insulation or coverlay) on one side only.
- (x2) signifie que le conducteur cuivre est pris en sandwich entre une isolation supèrieure et inférieure.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

2 TOLERANCE DE POSITIONNEMENT POSITIONING TOLERANCE

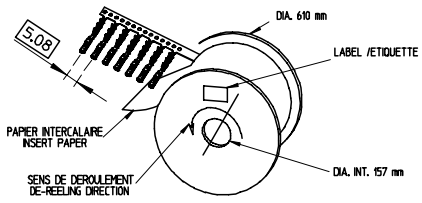


1 : Bare copper conductor / Conducteur cuivre
2 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.
3 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.

3 INSPECTION DU CONTACT FLEX FLEX TERMINAL INSPECTION



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

REV. UPDATE FOLL. SH. 1 REV.
EC NO: G2007-0149
DRWN:PGRANDCL 2006/11/23
CH'KD:MANDRE 2006/11/28
APPR:LSTICKEIR 2006/11/28
REV DESCRIPTION
E

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
ANGULAR ± .5 °		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

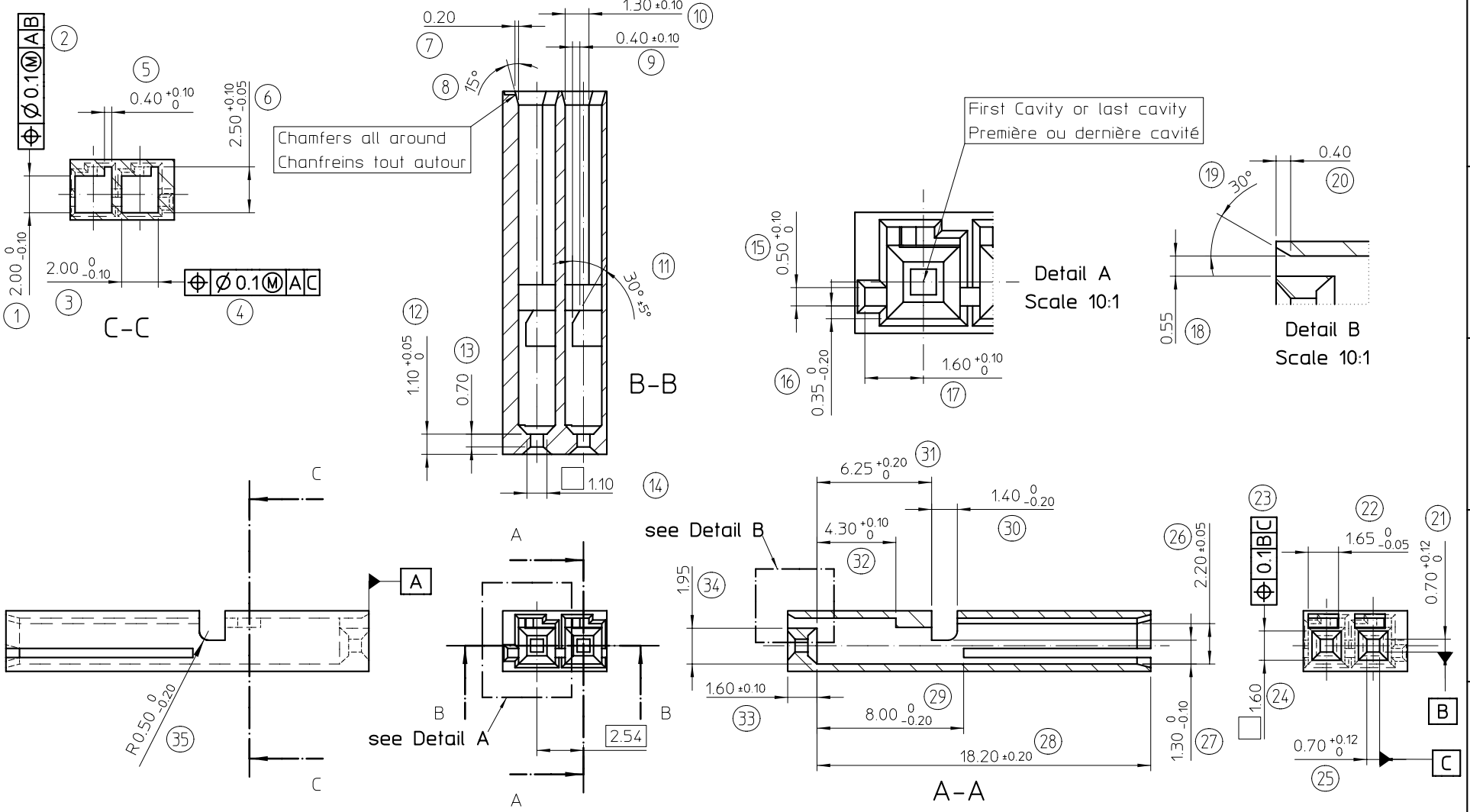
SCALE 10:1 | DESIGN UNITS METRIC | FIRST ANGLE PROJECTION | REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
DRAWN BY LSTICKEI DATE 2000/04/17
CHECKED BY MANDRE DATE 2000/05/29
APPROVED BY WMORITZ DATE 2000/05/30

TITLE: MOX 0.635 TERMINAL FFC/FPC CRIMP VERSION

molex MOLEX INCORPORATED

MATERIAL NO. SEE SHT 1 | DOCUMENT NO. SD-98194-002 | SHEET NO. 2 OF 2

A2



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 2001/08/17
DRWN:LSTICKEI 2001/08/20
CH'KD:MAN 2001/08/23
APPR:WMORITZ
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼ = 0
▽ = 0

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 5:1 | DESIGN UNITS METRIC | FIRST ANGLE PROJECTION | REVISE ON CAD ONLY

DIMENSION STYLE: MM ONLY

DRAWN BY: LST DATE: 2001/08/06

CHECKED BY: MAN DATE:

APPROVED BY: WMO DATE:

TITLE: STANDARD CAVITY MOX0.63 FLEX TERMINAL TERMINAL FRONT RELEASE

molex MOLEX INCORPORATED

MATERIAL NO.: N/A

DOCUMENT NO.: SD-98194-005

SHEET NO.: 1 OF 1

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