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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 \(PDF\)](#)

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 mm ²	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

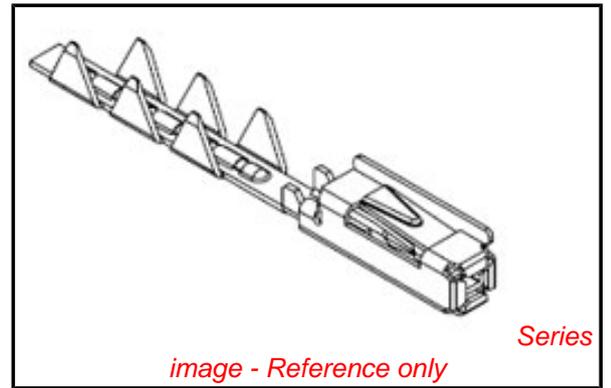


image - Reference only

EU RoHS

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

China RoHS



Not Reviewed

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.

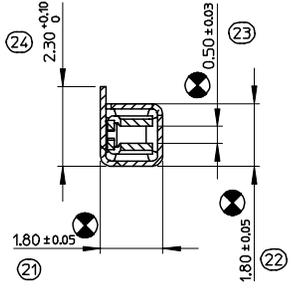
Global

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

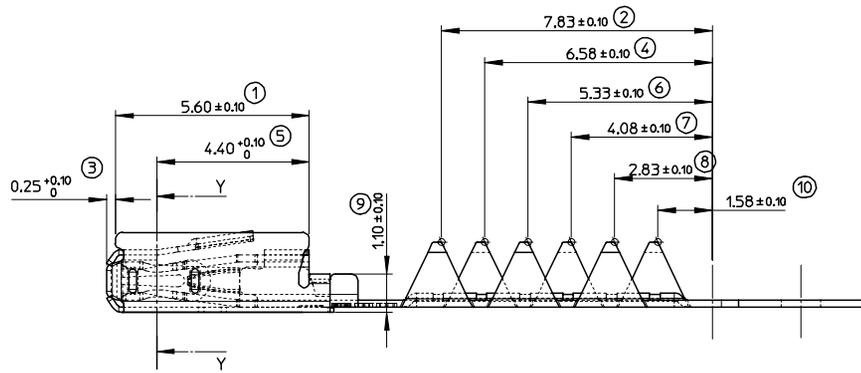
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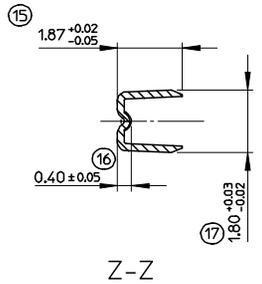
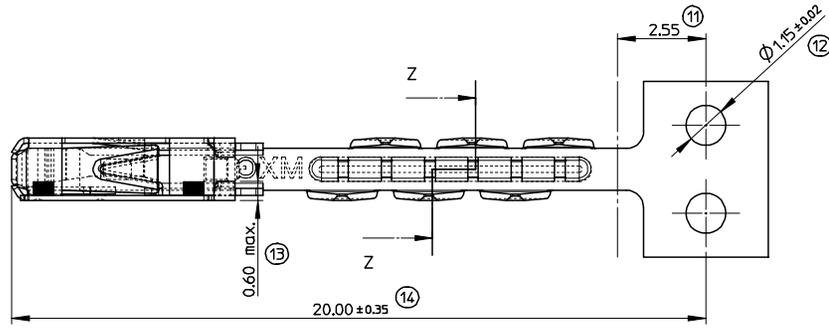
13 12 11 10 9 8 7 6 5 4 3 2 1



Y-Y

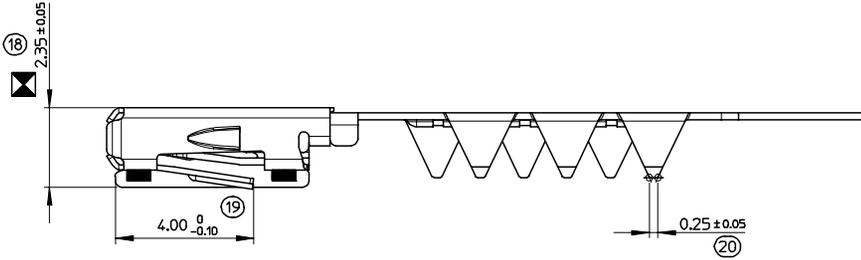
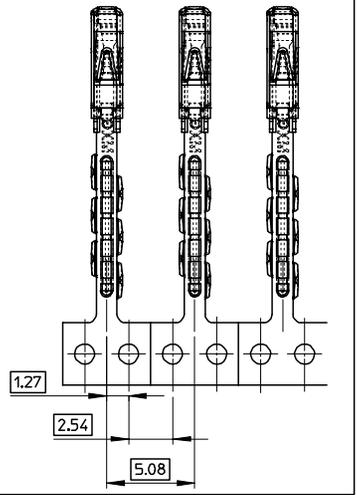


	MOLEX REFERENCE	GAP AREA	CRIMPING AREA
TIN PLATED VERSION	98194-1211	HOT TIN DIP Sn = 1.0 to 3.0 microns	
GOLD PLATED VERSION	98194-1221	Au = 0.3 microns mini Ni = 1.0 microns mini	Sn = 1.0 to 5 microns mini Ni = 1.0 microns mini



Z-Z

Scale 5:1



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	E
1	E
SHT REV	

UPDATE METAL STRIP SHAPE EC NO: GZ007-0149 DRWN: PGRANDCL 2006/11/23 CHKD: MANDRE 2006/11/28 APPR: LSTICKEIR 2006/11/28	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 10:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	REVISE ON CAD ONLY
		mm	INCH	TITLE	
	4 PLACES ± --- ± ---	DIMENSION STYLE MM ONLY		MOX 0.635 TERMINAL FFC/FPC CRIMP VERSION	
	3 PLACES ± --- ± ---	DRAWN BY LSTICKEI	DATE 2000/04/17	MATERIAL NO. SEE CHART	
2 PLACES ± 0.05 ± ---	CHECKED BY MANDRE	DATE 2000/05/29	DOCUMENT NO. SD-98194-002		
1 PLACE ± 0.10 ± ---	ANGULAR ± 1/2°		SHEET NO. 1 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY WMORITZ	DATE 2000/05/30	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

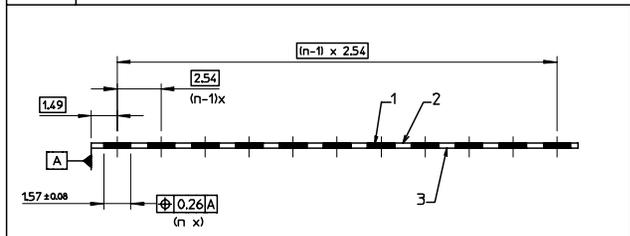
12 11 10 9 8 7 6 5 4 3 2 1

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 ETANEE TIN PLATED VERSION	VERSION DOREE GOLD PLATED VERSION	HAUTEUR HEIGHT C (mm)	LARGEUR WIDTH G (mm)	TRACTION MIN SUR 2 CONTACTS MINIMUM FORCE FOR INFORMATION TERMINALS 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

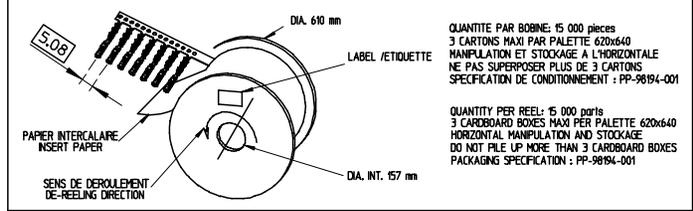
- (x) - (x2) means that the copper conductor is laminated between a top and bottom insulation.
 - (x1) means that the copper conductor is stripped (without any insulation or coverlay) on one side only.
 - (x2) signifie que le conducteur cuivre est pris en sandwich entre une isolation supérieure et inférieure.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

2 TOLERANCE DE POSITIONNEMENT POSITIONING TOLERANCE

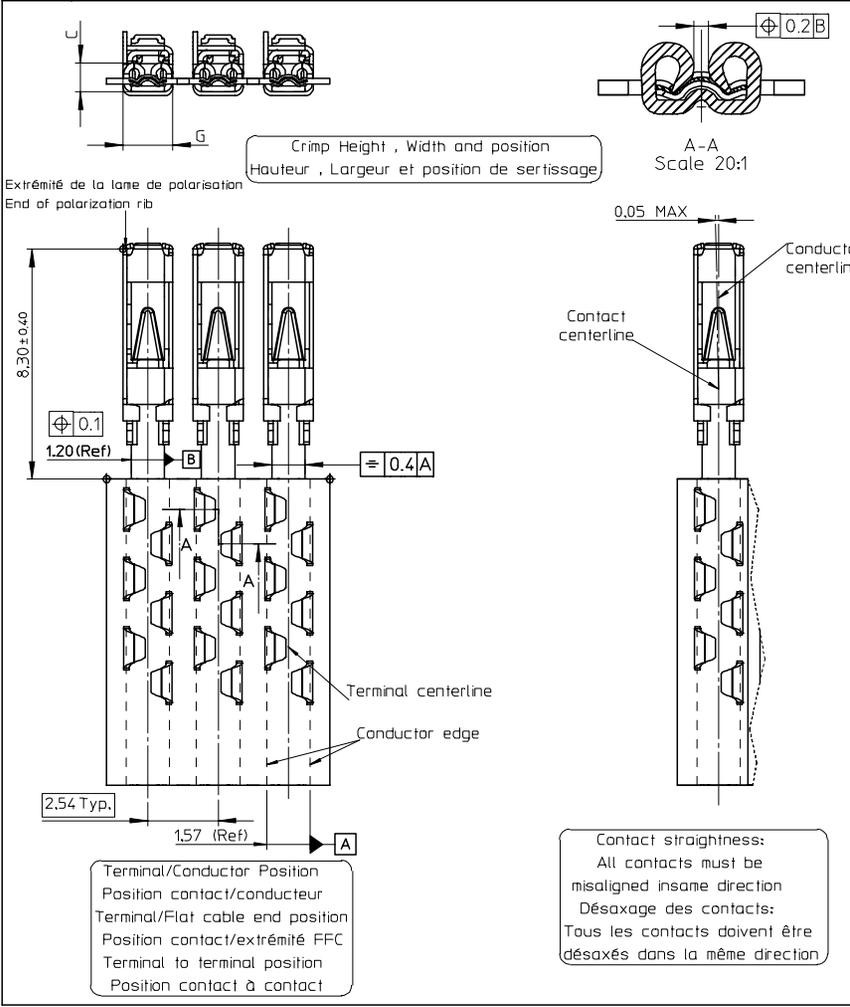


- 1 : Bare copper conductor / Conducteur cuivre
 2 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.
 3 : Polyester film with modified polyester adhesive / Film Polyester avec couche adhésive.

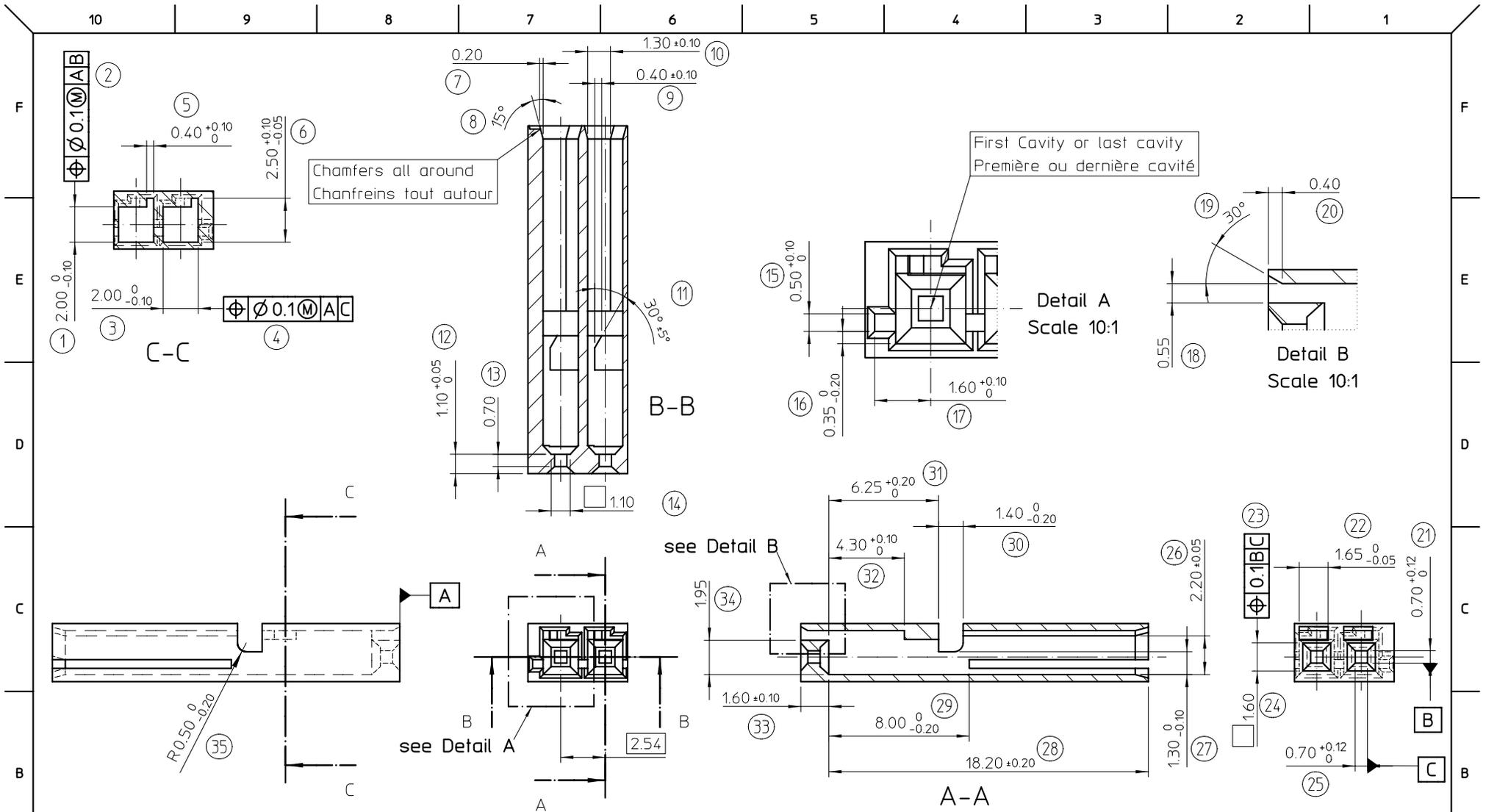
4 CONDITIONNEMENT PACKAGING



3 INSPECTION DU CONTACT FLEX FLEX TERMINAL INSPECTION



REV. UPDATE FOLL. SH. 1 REV.	EC NO: GZ007-0149	SCALE 10:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	REVISE ON CAD ONLY
DRWN: PGRANDCL 2006/11/23	CHKD: MANDRE 2006/11/28	GENERAL TOLERANCES (UNLESS SPECIFIED)	MM ONLY	TITLE	
APPR: LSTICKEIR 2006/11/28	DESCRIPTION	4 PLACES ± --- ± ---	INCH	MOX 0.635 TERMINAL FFC/FPC CRIMP VERSION	
		3 PLACES ± --- ± ---		MOLEX INCORPORATED	
		2 PLACES ± 0.05 ± ---		MATERIAL NO. SEE SHT 1	DOCUMENT NO. SD-98194-002
		1 PLACE ± 0.10 ± ---		SHEET NO. 2 OF 2	
		ANGULAR ± 5°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		DRAFT WHERE APPLICABLE	APPROVED BY WMORITZ	DATE 2000/05/30	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 DRWN: LSTICKEI 2001/08/17 CHKD: MAN 2001/08/20 APPR: WMORITZ 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 STANDARD CAVITY	
		4 PLACES ± ---	± ---	DRAWN BY LST	DATE 2001/08/06	MOX0.63 FLEX TERMINAL	
	A	2 PLACES ± 0.05	± ---	CHECKED BY MAN	DATE	TERMINAL FRONT RELEASE	
1 PLACE ± 0.10		± ---	APPROVED BY WMO	DATE	MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE	ANGULAR ± 1/2°	MATERIAL NO. N/A		DOCUMENT NO. SD-98194-005	SHEET NO. 1 OF 1	
	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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