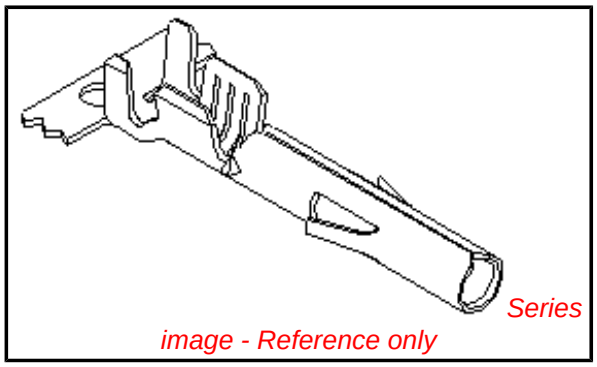
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002081002
Status: Active
Overview: mlx
Description: MLX Crimp Terminal 42024, 14-20 AWG, Bag Tin (Sn)



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-42022-0001 (PDF)

General

Product Family	Crimp Terminals
Series	42024
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	mlx
Product Name	MLX™

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	20
Plating min: Mating (µm)	0.50
Plating min: Termination (µin)	20
Plating min: Termination (µm)	0.50
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.30mm (.060-.130")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Old Part Number	42024-1A1L

Reference - Drawing Numbers

Product Specification	PS-42022-0001
Sales Drawing	SD-42024-****

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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
42024Series

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

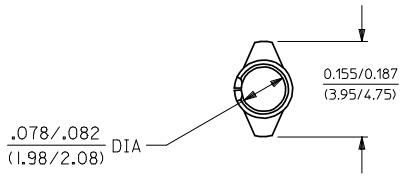
Description	Product #
Extraction Tool	0011010168
HAND CRIMP TOOL	0638116800

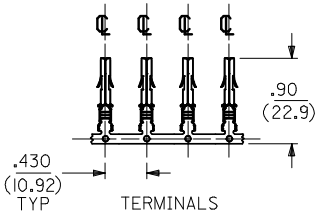
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

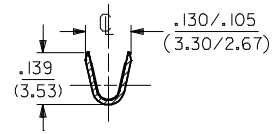


SOCKET TERMINAL
42024-***

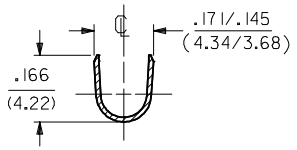




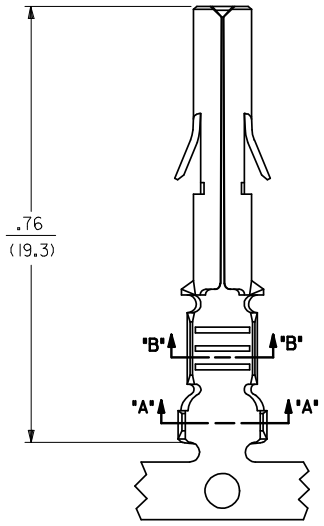
TERMINALS
IN CHAIN FORM
SCALE 1:1

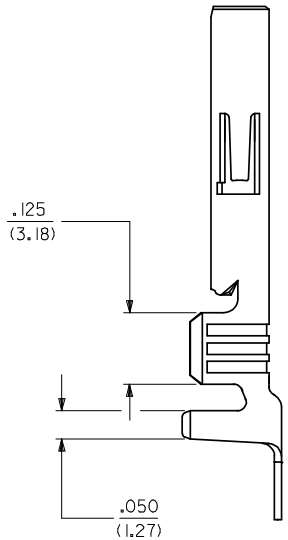


SECTION "B-B"
WIRE CRIMP AREA



SECTION "A-A"
INSULATION CRIMP AREA

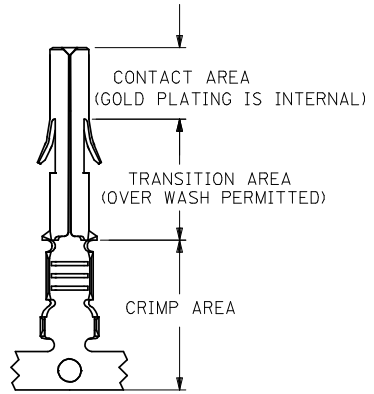




SEE SHEET 2 FOR CHART, MATERIAL, PLATING, NOTES, AND CRIMP OPTIONS

ENTER DESCRIPTION EC NO: 12008-0359 DRWN:AB 2008/03/03 CHKD:VINU 2008/03/03 APPR:KPRASAD 2008/03/03 DESCRIPTION REV	QUALITY SYMBOLS ▼=0 Ⓒ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± .010 2 PLACES ± 0.25 / ± .015 1 PLACE ± 0.38 / ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	◎ ◁ THIRD ANGLE PROJECTION			
			DRAWN BY / DATE SUDHIR 2004/09/27 CHECKED BY / DATE KPRASAD 2004/09/27 APPROVED BY / DATE KPRASAD 2004/09/27	TITLE RMINAL, SOCKET 84/(2.13) DIA. SERIES					
			MATERIAL NO. SEE CHART	molex MOLEX INCORPORATED DOCUMENT NO. SD-42024-****			SHEET NO. 1 OF 2		
			SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

ENG. NO.	EDP NO.	FINISH (REF)	CONTACT AREA (REF)	CRIMP AREA (REF)	MATERIAL (REF)	WIRE SIZE	INSULATION DIA.
42024-1A1	002-08-1001	SDES-88-P901	----	----	C26000	#14-#20 AWG	.060-.130
42024-1A1L	002-08-1002	SDES-88-P901	----	----	C26000	#14-#20 AWG	.060-.130
42024-1B1	002-08-1003	SDES-88-P901	----	----	C51000	#14-#20 AWG	.060-.130
42024-1B1L	002-08-1004	SDES-88-P901	----	----	C51000	#14-#20 AWG	.060-.130
42024-1A2	002-08-1005	SEE NOTE 5	.000030 MIN GOLD	000100 MIN MATTE TIN	C26000	#14-#20 AWG	.060-.130
42024-1A2L	002-08-1006	SEE NOTE 5	.000030 MIN GOLD	000100 MIN MATTE TIN	C26000	#14-#20 AWG	.060-.130
42024-1B2	002-08-1007	SEE NOTE 5	.000030 MIN GOLD	000100 MIN MATTE TIN	C51000	#14-#20 AWG	.060-.130
42024-1B2L	002-08-1008	SEE NOTE 5	.000030 MIN GOLD	000100 MIN MATTE TIN	C51000	#14-#20 AWG	.060-.130



PLATING REGIONS

APPLIES TO GOLD PLATED
TERMINALS ONLY

NOTES:

1) SOCKET TERMINALS FOR USE WITH THE .084/(2.13) SERIES HOUSINGS:
   PLUG (42021-**)
   CAP (42022-**)
2) SOCKET TERMINALS MATE WITH PIN TERMINALS: .084/(2.13) DIA. SERIES (42023-****).
3) TERMINALS FINISHED IN CHAIN UNLESS SPECIFIED LOOSE. "L" SUFFIX INDICATES LOOSE FORM. (SEE TABLE)
4) MATERIAL; .012/(0.30) THICK STRIP:
   A = BRASS, #C26000, PER SMES-124-C7.
   B = PHOSPHOR BRONZE, #C51000, PER SMES-124-E7.
5) FINISH:
   1 = HOT TIN DIP 20 m.i./(0.51 MICRONS) MINIMUM (PER SDES-88-P901).
   2 = 30 (M.I) / 0.75 MICRONS) MIN SELECT GOLD AND
   100 (M.I) (2.50 MICRON) MIN SELECT TIN (MATTE)
   OVER 50 (M.I) (1.25 MICRONS) MIN NICKEL OVERALL
6) CRIMP RANGE: SEE CHART.
7) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.

LEGEND:

42024-****

- BASE NUMBER
- CRIMP RANGE (SEE CHART)
- MATERIAL CODE (SEE NOTE 4)
- PLATING CODE (SEE NOTE 5)
- PACKAGING
  BLANK = CHAIN
  "L" = LOOSE

ENTER DESCRIPTION
EC NO: 12008-0359
DRWN:AB 2008/03/03
CHKD:VINU 2008/03/03
APPR:KPRASAD 2008/03/03
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	SUDHIR	2004/09/27
CHECKED BY	KPRASAD	2004/09/27
APPROVED BY	KPRASAD	2004/09/27

TITLE: RMINAL, SOCKET 84/(2.13) DIA. SERIES

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42024-****
SHEET NO.: 2 OF 2
SIZE: A2

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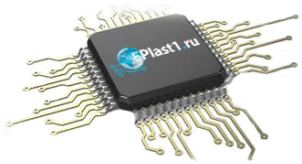
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.