



产品编号 : [02082003](#)

Product Description : MLX Male Crimp Terminal 42023, 14-20 AWG, Reel, Brass, Tin (Sn) Plating

系列号 : 42023

状态 : Active

Product Category : Crimp Terminals

工程编号 : 42023-2A1

Packaging Alternative : 0002082004 (Bag)



文件和资源

图纸

[图纸 002082003_sd.pdf](#)

规格

[产品规格 PS-42022-0001-001.pdf](#)

[测试摘要 TS-42022-0001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Crimp Terminals
系列	42023
说明	MLX Male Crimp Terminal 42023, 14-20 AWG, Reel, Brass, Tin (Sn) Plating
应用	Power, Wire-to-Wire
产品系列	MLX Power Connectors
产品名称	MLX
UPC	800753615656

物理

性别	男
材料 - 金属	Brass
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
净重	450.000/mg
包装形式	Reel
最薄镀层 - 接合部位	0.508µm
最薄镀层 - 端接	0.508µm
终端界面类型	Crimp or Compression
导线绝缘直径	1.52-3.30mm
线径规格 (AWG)	14, 16, 18, 20
线缆尺寸mm ²	不适用

进程

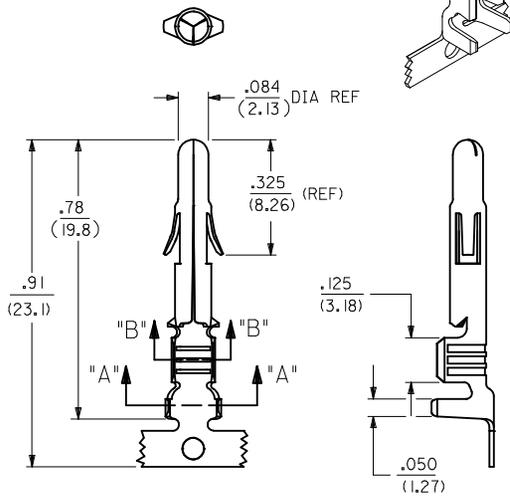
无铅	不适用
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施工工具

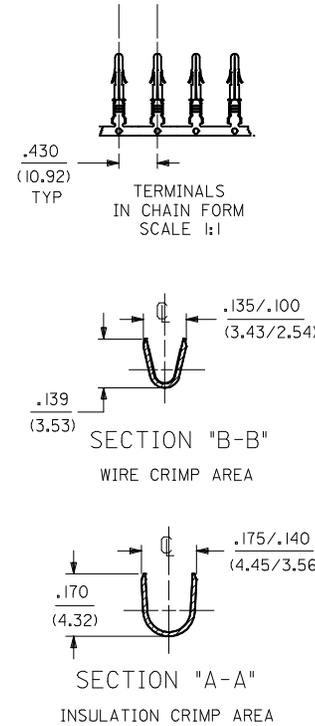
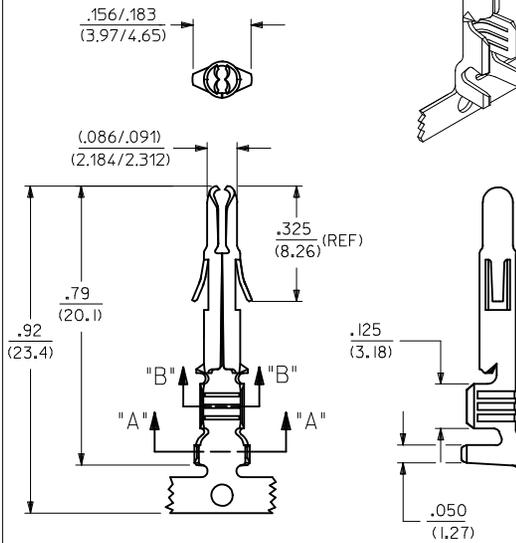
全局

描述	产品编号
Extraction Tool for MLX 2.13mm Diameter Pin and Socket Crimp Terminals	<u>0011010168</u>
PremiumGrade Hand Crimp Tool for MLX Pin and Socket Terminals, 14-20 AWG	<u>0638116800</u>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire with 2.08-2.50mm Diameter Insulation	<u>0639007500</u>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire with 2.65-3.30mm Diameter Insulation	<u>0639009800</u>
FineAdjust Applicator for Crimp Terminals, 14-20 AWG Wire with 2.41-2.95mm Diameter Insulation	<u>0639009900</u>
T2 Terminator for MLX Crimp Terminals, 14-20 AWG	<u>0639107500</u>
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109800</u>
T2 Terminator Tooling Die for Crimp Terminals, 14-20 AWG Wire	<u>0639109900</u>

SOLID PIN TERMINAL
42023-1***



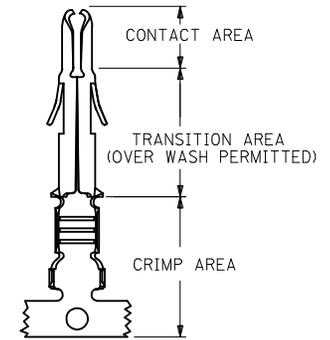
SPLIT PIN TERMINAL
42023-2***



SEE SHEET2 FOR CHART, MATERIAL, PLATING, NOTES, AND CRIMP OPTIONS

P/N'S ADDED EC NO: 12014-0115 DRWN:SS06 CHKD: APPR:KPRASAD 2014/01/09 2014/01/13 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	IN/MM	----	INCH		
	▽=0	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES ± ---	± .010	SUDHIR	2004/09/24	TERMINAL, PIN .084/(2.13) DIA. SERIES		
	2 PLACES ± 0.25	± .015	CHECKED BY	DATE				
	1 PLACE ± 0.38	± ---	KPRASAD	2004/09/24				
	0 PLACE ±	±	APPROVED BY	DATE				
			KPRASAD	2004/09/24				
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-42023-****	SHEET NO. 1 OF 2	
			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)	TERMINAL TYPE	WIRE SIZE	INSULATION DIAMETER	STATUS
X-42023-IAI	PRELIMINARY	SDES-88-P90I	----	----	C26000	SOLID	#14-#20 AWG	.060-.130	ACTIVE
X-42023-IAL	PRELIMINARY	SDES-88-P90I	----	----	C26000	SOLID	#14-#20 AWG	.060-.130	ACTIVE
42023-2AI	002-08-2003	SDES-88-P90I	----	----	C26000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE
42023-2AIL	002-08-2004	SDES-88-P90I	----	----	C26000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE
42023-2BI	002-08-2005	SDES-88-P90I	----	----	C51000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE
42023-2BIL	002-08-2006	SDES-88-P90I	----	----	C51000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE
42023-2A2	002-08-2007	SEE NOTE 5	.000030 MIN GOLD	.000100 MIN MATTE TIN	C26000	SPLIT	#14-#20 AWG	.060-.130	NOT TOOLED
42023-2A2L	002-08-2008	SEE NOTE 5	.000030 MIN GOLD	.000100 MIN MATTE TIN	C26000	SPLIT	#14-#20 AWG	.060-.130	NOT TOOLED
42023-2B2	002-08-2009	SEE NOTE 5	.000030 MIN GOLD	.000100 MIN MATTE TIN	C51000	SPLIT	#14-#20 AWG	.060-.130	NOT TOOLED
42023-2B2L	002-08-2010	SEE NOTE 5	.000030 MIN GOLD	.000100 MIN MATTE TIN	C51000	SPLIT	#14-#20 AWG	.060-.130	NOT TOOLED
42023-2A0	002-08-2011	SDES-88-P90I	----	----	C26000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE
42023-2B0	002-08-2012	SDES-88-P90I	----	----	C51000	SPLIT	#14-#20 AWG	.060-.130	ACTIVE



PLATING REGIONS

APPLIES TO GOLD PLATED TERMINALS ONLY

NOTES:

1) PIN TERMINALS FOR USE WITH THE .084/(2.13) SERIES HOUSINGS:

- PLUG (42021-**)
 - CAP (42022-**)

2) PIN TERMINALS MATE WITH SOCKET TERMINALS: .084/(2.13) DIA. SERIES (42024-****).
 3) TERMINALS FINISHED IN CHAIN UNLESS SPECIFIED LOOSE. "L" SUFFIX INDICATES LOOSE FORM. (SEE TABLE)

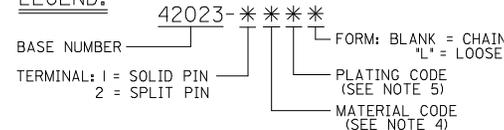
4) MATERIAL; .012/(0.30) THICK STRIP:
 A = BRASS, *C26000, PER SMES-124-C7.
 B = PHOSPHOR BRONZE, *C51000, PER SMES-124-E7.

5) FINISH:
 1 = HOT TIN DIP 20 m.l./(0.51 MICRONS) MINIMUM (PER SDES-88-P90I).
 2 = 30 M.I (0.75 MICRONS) MIN GOLD
 & 100 M.I (2.50 MICRONS) MIN SELECT TIN
 50 M.I (1.25 MICRONS) MIN NICKEL OVERALL

6) CRIMP RANGE: SEE CHART.

7) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.

LEGEND:



PINS ADDED EC NO: 12014-015 DRWN:SS06 CHKD: APPR:KPRASAD 2014/01/13 2014/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	IN/MM	---	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY SUDHIR DATE 2004/09/27	TITLE	TERMINAL, PIN .084/(2.13) DIA. SERIES	
	▽=0	3 PLACES ± --- ± ---	CHECKED BY KPRASAD DATE 2004/09/27			
	2 PLACES ± --- ± ---	APPROVED BY KPRASAD DATE 2004/09/27				
	1 PLACE ± --- ± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
	0 PLACE ± ±	ANGULAR ± --- °	SEE CHART		SD-42023-****	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				