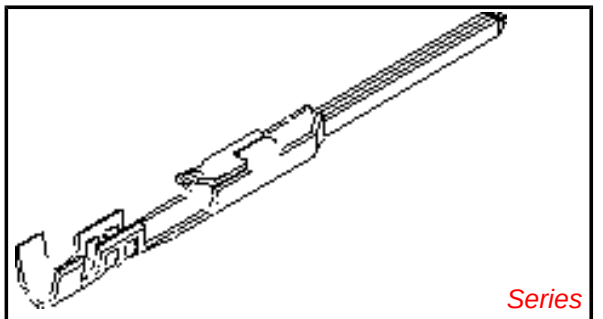
This document was generated on 05/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0016020107
Status: Active
Overview: cgrid__sl_products
Description: SL™ Crimp Terminal, Series 70021, Male, with Tin (Sn) Plated Contact, 22-24 AWG, Reel



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-70021 (PDF)

General

Product Family	Crimp Terminals
Series	70021
Crimp Quality Equipment	Yes
Overview	cgrid__sl_products
Product Name	SL™

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.63mm (.064") max.
Wire Size AWG	22, 24
Wire Size mm²	N/A

Material Info

Old Part Number	70021-0021

Reference - Drawing Numbers

Packaging Specification	PK-70873-1300
Product Specification	PS-70021
Sales Drawing	SD-70021-0*04_0*21, SD-70021-0021, SD-70021-1021

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
70021Series

Use With
70066 Housing, 70107 Housing

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

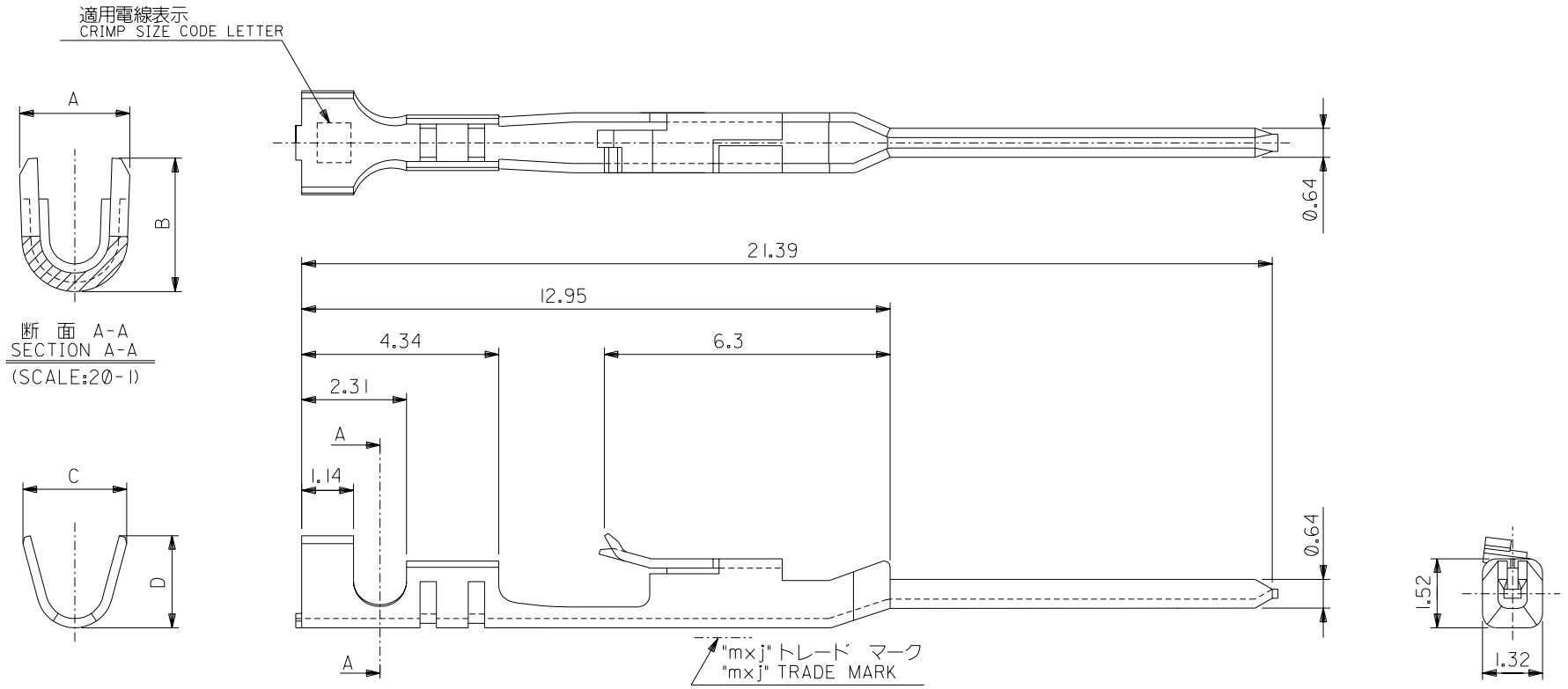
Description	Product #
FineAdjust™ Applicator for SL™ Crimp Terminal, Male, 22 AWG	0639014600
FineAdjust™ Applicator	0639003500
T2 Terminator Tooling Die	0639103500
Hand Crimp Tool	0638118700
Insertion Tool	0011020022
Extraction Tool	0011030036

Japan

Description	Product #
Applicator for M211A Bench Press, 22-30 AWG, for 70021 Crimp Terminal	0570173000
Hand Insertion Tool	0570336000

This document was generated on 05/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



断 面 A-A
SECTION A-A
(SCALE:20-1)

注記：
NOTES:

1. 適合ハウジング： 70066−＊＊＊＊, 70107−＊＊＊＊
   APPLICABLE HOUSING: 70066−＊＊＊＊, 70107−＊＊＊＊
2. 仕上げ　　ニッケル下地、錫メッキ
   FINISH　　TIN OVER NICKEL PLATING

D	C	B	A	適用電線表示 CRIMP SIZE CODE LETTER	被覆外径 INS. RANGE	適用電線範囲 WIRE RANGE	端子形状 FORM	MATERIAL No.
1.91	2.1	1.47	1.22	A	ø 1.6 MAX.	AWG#24-#30	バラ状 LOOSE	70021-0204
							連鎖状 CHAIN	70021-0004
1.91	2.1	1.65	1.84	C		AWG#22-#24	バラ状 LOOSE	70021-0221
							連鎖状 CHAIN	70021-0021

角度 ANGLE	±3°	B	変更 REVISED (J2004-4519)	Y.W M.S	'04/05/31
30以上 OVER	±0.3	A	変更 REVISED (T20159)	H.H H.I	'91/5/20
10以上 OVER 30未満 UNDER	±0.25	0	新規作成 RELEASED (T00110)	A.M M.S	'90/4/6
10未満 UNDER	±0.2	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM			

材料 MATERIAL	燐青銅 PHOSPHOR BRONZE t 0.203
仕上げ FINISH	注記参照 SEE NOTES
適用電線範囲 WIRE RANGE	表参照 SEE CHART
被覆外径 INS. RANGE	表参照 SEE CHART
DRAWN BY	S. Mitake
CHK'D BY	M. Arao
APP'D BY	S. Yamada
尺度 SCALE	10-1

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

EDP. NO. —#—

ENG. NO. SD-70021- 0*04/0*21 REV B

TITLE 名称
SL MALE CRIMP TERMINAL
-LEAD FREE-

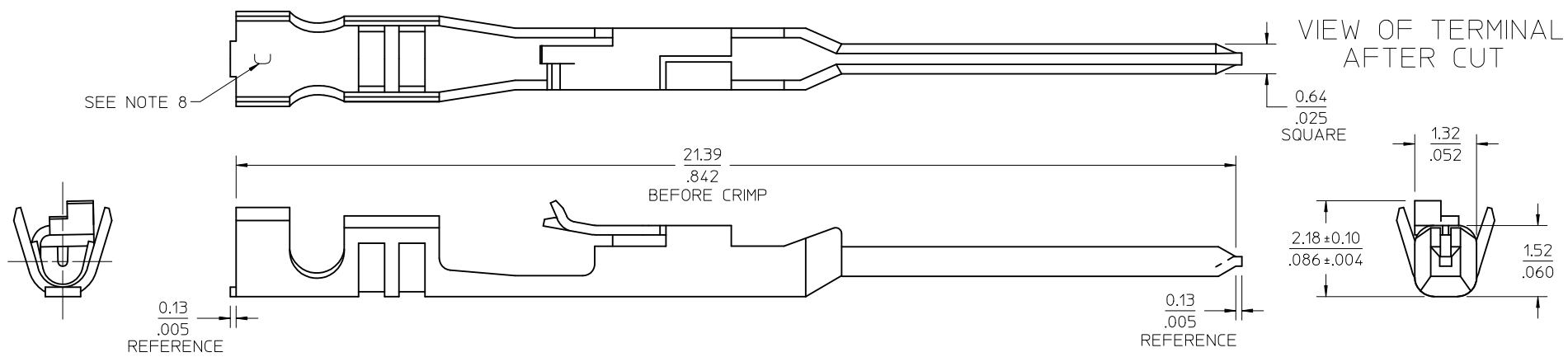
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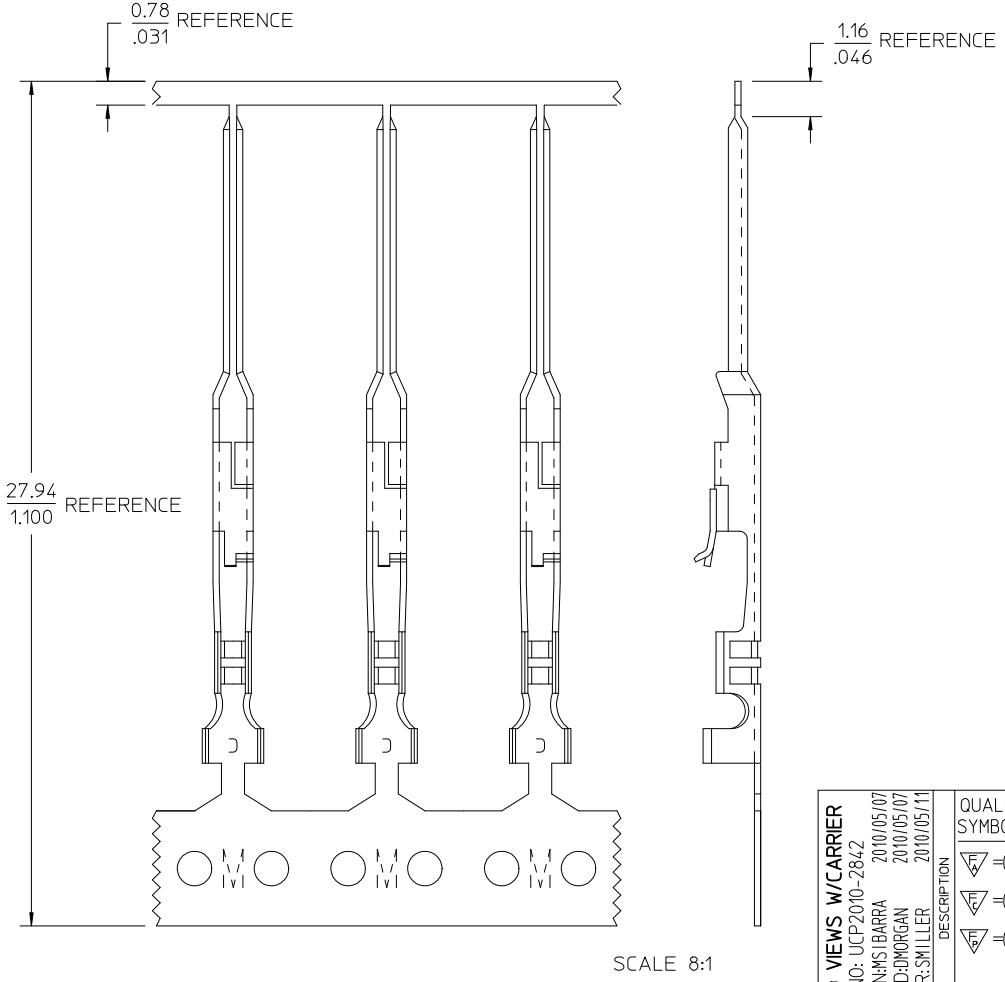
:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

ENG. NO SD-70021- 0*04/0*21

EDP NO. —#—

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本図面は日本モレックス（株）の所有する情報を含むもので当社の許可なく複製を禁止する。





NOTES:
1. MATERIAL: PHOSPHOR BRONZE, 0.20/.008 THICK
2. FINISH: 3.81 MICROMETERS/150 MICROINCHES TIN OVER NICKEL UNDERPLATE OVERALL
3. PRODUCT SPECIFICATION: PS-70021
4. PACKAGING: PARTS SUPPLIED IN REEL FORM
5. TEMINAL FOR USE WITH: 70066-**** & 70107-**** HOUSINGS
6. TERMINAL TO BE USED WITH: 22-24 AWG STRANDED WIRE WITH .064 DIAMETER MAXIMUM INSULATION
7. REFER TO MOLEX OPERATIONAL AND SERVICE MANUAL FOR DETAILS
8. CRIMP SIZE INDICATOR: C=22-24 AWG

REV	DESCRIPTION
E	ADD VIEWS W/CARRIER EC NO: UCP2010-2842 DRWN:MSIBARRA 2010/05/07 CH'KD:DMORGAN 2010/05/07 APPR:SMILLER 2010/05/11

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± .13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY	MSIBARRA	DATE 2010/05/07
CHECKED BY	MJM	DATE 1986/10/30
APPROVED BY	SMILLER	DATE 2010/05/11
MATERIAL NO.	16-02-0107	

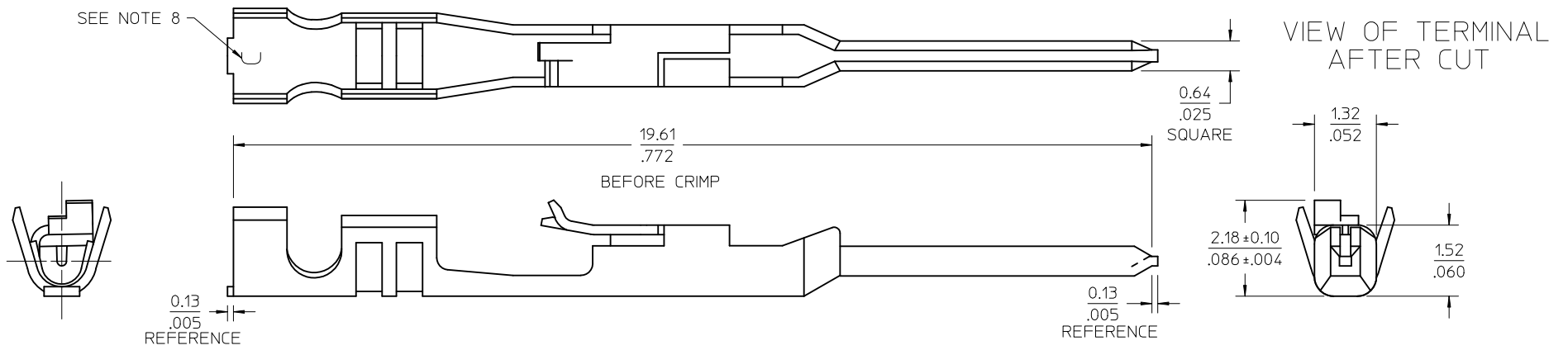
TITLE: TERMINAL, MALE CRIMP

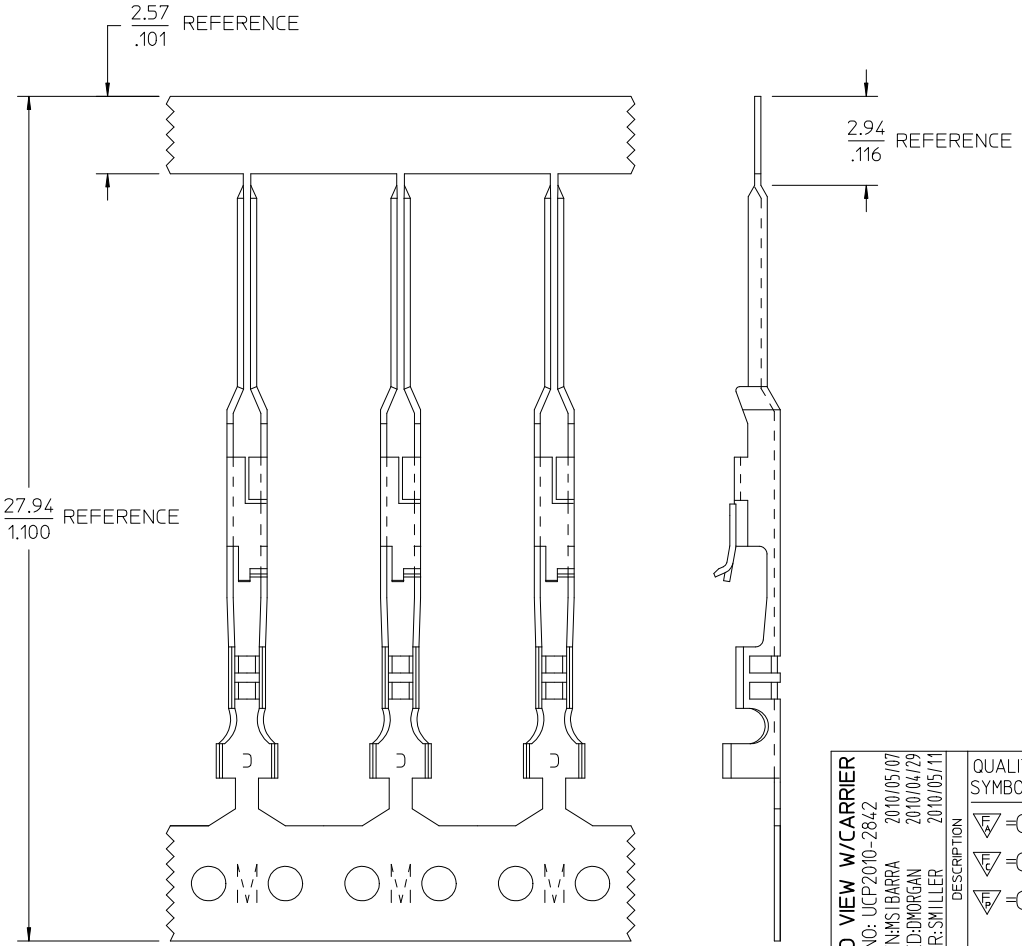
MOLEX INCORPORATED

DOCUMENT NO. SD-70021-0021
SHEET NO. 1 OF 1

SIZE C

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SCALE 8:1

NOTES:
1. MATERIAL: PHOSPHOR BRONZE, 0.20/.008 THICK
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7. REFER TO MOLEX OPERATIONAL AND SERVICE MANUAL FOR DETAILS
8. CRIMP SIZE INDICATOR: C=22-24 AWG

REV	DESCRIPTION	
B	ADD VIEW W/CARRIER EC NO: UCP2010-2842	2010/05/07
	DRWN:MSIBARRA	2010/04/29
	CH'KD:DMORGAN	2010/05/11
	APPR:SMILLER	

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	15:1
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
DRAWN BY	MSIBARRA 2010/04/29
CHECKED BY	DMORGAN 2010/04/29
APPROVED BY	SMILLER 2010/05/11
TITLE	TERMINAL, MALE CRIMP
	MOLEX INCORPORATED
MATERIAL NO.	70021-1021
DOCUMENT NO.	SD-70021-1021
SHEET NO.	1 OF 1
SIZE	C

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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