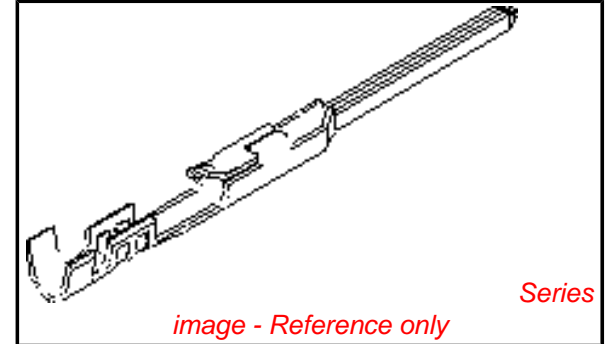


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0016020077](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: SL™ Crimp Terminal, Series 70021, Male, with 0.38µm (15µ") Selective Gold (Au) Plated Contact, 24-30 AWG, Reel

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	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52mm (.060") max.
Wire Size AWG	24, 26, 28, 30
Wire Size mm²	N/A

Material Info

Old Part Number 70021-0006

Reference - Drawing Numbers

Packaging Specification	PK-70873-1300
Product Specification	PS-70021
Sales Drawing	SD-70021-0*06_0*23, SD-70021-0006

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, 41 Strands/44 AWG Wire Hand Crimp Tool, UL Approved	0639014500
T2 Terminator Tooling Die	0639103400

FineAdjust™	<u>0639003400</u>
Applicator for SL™ Male Crimp Terminal, 24-30 AWG	
Insertion Tool	<u>0011020022</u>
Extraction Tool	<u>0011030036</u>

Japan

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

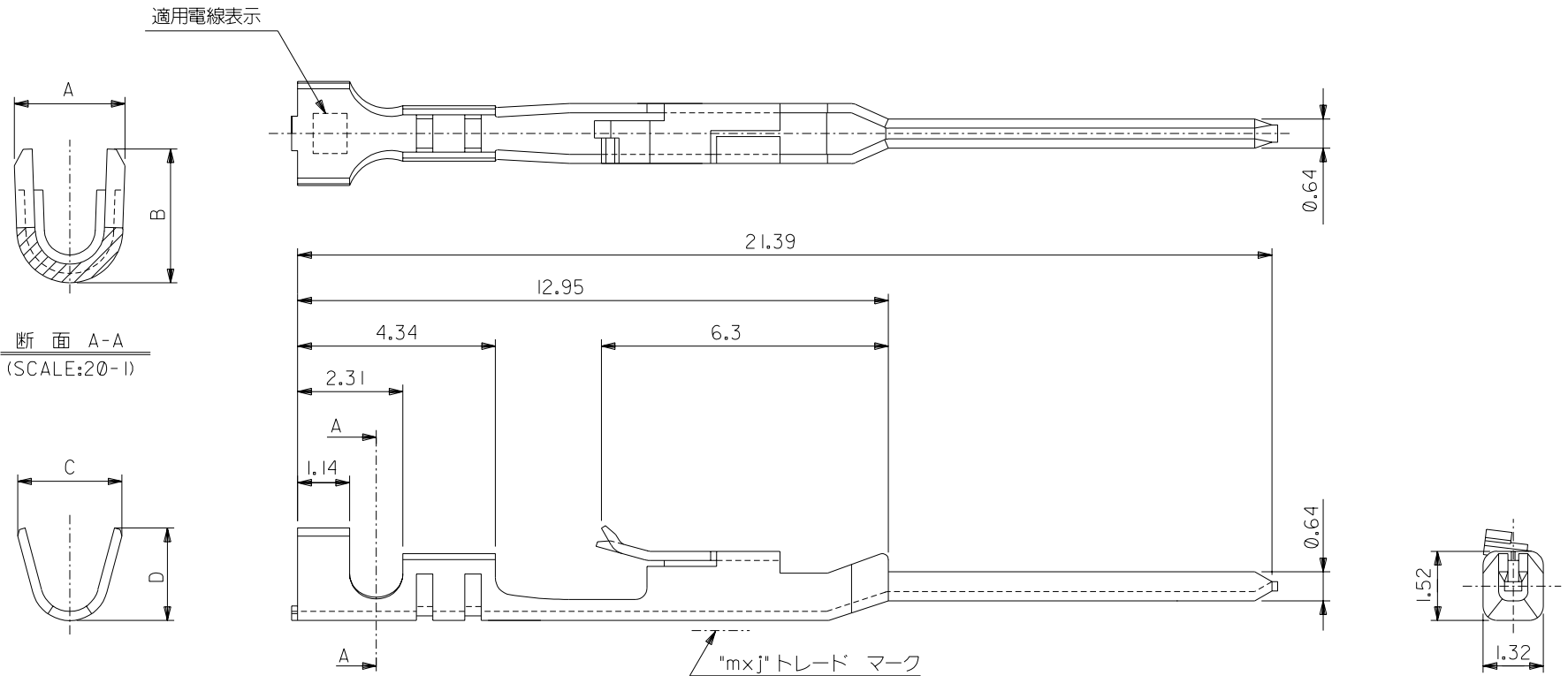
This document was generated on 05/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

ENG. NO.
SD-70021-0*06
0*23

EDP NO.
—#—

DIMENSIONS IN METRIC DO NOT SCALE DRAWING



注記:

- 適合ハウジング: 70066-****, 70107-****
- メッキ仕様:
 - 接点部 : 金メッキ, 0.38 μmMIN.
 - 圧着部 : 錫メッキ, 1.91 μmMIN.
 - 下地メッキ: ニッケルメッキ, 1.27 μmMIN.

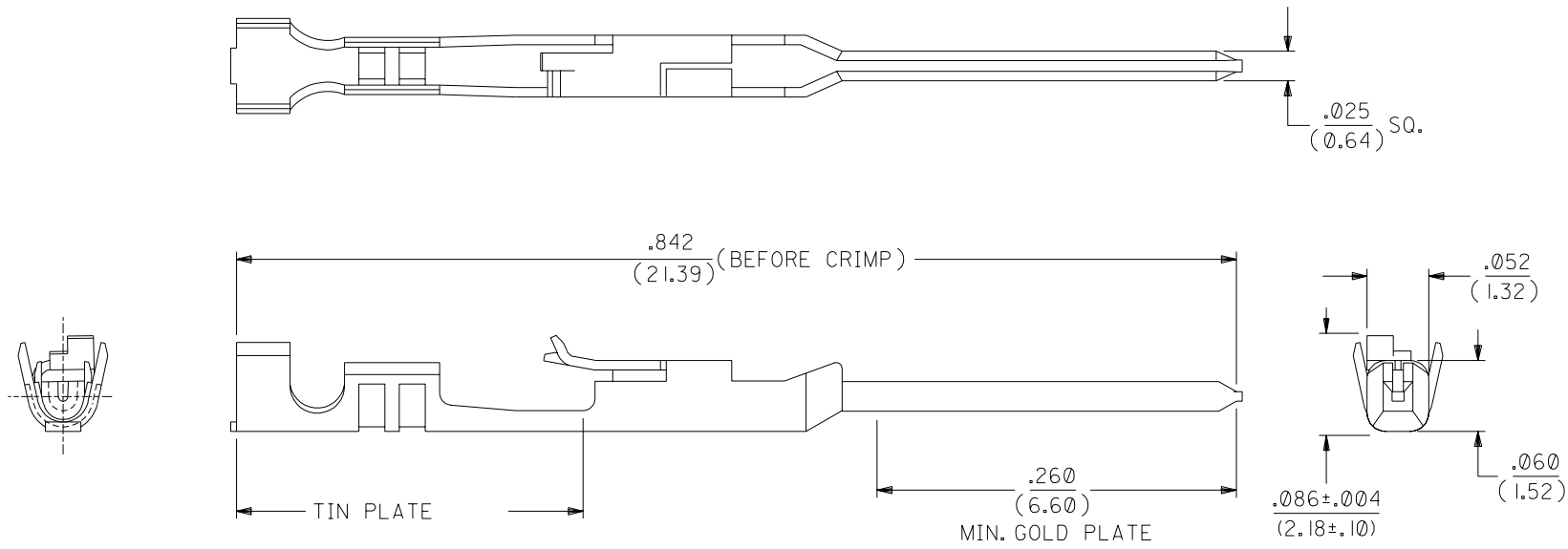
1.91	2.1	1.47	1.22	A	φ 1.6 MAX.	AWC#24-#30	連鎖状	70021-0006
1.91	2.1	1.65	1.84	C		AWC#22-#24	バラ状	70021-0223
D	C	B	A	適用電線表示	被覆外径	適用電線範囲	端子形状	MATERIAL No.

材料 MATERIAL	磷青銅 t 0.203	molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
仕上げ FINISH	注記参照	
適用電線範囲 WIRE RANGE	表参照	EDP. NO. —#—
被覆外径 INS. RANGE	表参照	ENG. NO. SD-70021-0*06 0*23

角度 ANGLE	±3°	B 変更 (J2004-4519)	1/11/94	M.S.	04/05/31
30 以上 OVER	+0.3	A 変更 (JD60398)	1/11/95	M.S.	95/12/07
10 以上 OVER	+0.25	0 新規作成 (T00110)	1/11/90	M.S.	90/4/6
10 未満 UNDER	+0.2	記号 変更内容 REVISION RECORD	DR. CHK.	日付 DATE	
一般公差 GENERAL TOLERANCES	REVISE ONLY ON CAD SYSTEM				

DRAWN BY	CHK'D BY
A. Mitake	M. Kuro
APP'D BY	尺度
S. Yamada	SCALE 10-1

TITLE 名称	SL MALE CRIMP TERMINAL -LEAD FREE-
REV	B



NOTES:

1. TERMINAL FOR USE WITH HOUSING PART NO. 70066-**** & 70107-****.
2. MATERIAL: .008/(0.20) THK. PHOSPHOR BRONZE.
3. TERMINAL TO BE USED WITH 24-30 AWG STRANDED WIRE WITH .060 DIA. MAX. INSULATION.
4. REFER TO MOLEX OPERATIONAL AND SERVICE MANUAL FOR DETAILS.
5. REFER TO PRODUCT SPECIFICATION NO. PS-70021.
6. PARTS SUPPLIED IN REEL FORM.

PLATING:

15 GOLD - .000015 MIN. GOLD PLATE IN SELECT AREA,
 .000075 MIN. TIN PLATE IN SELECT AREA,
 OVER .000050 MIN. NICKEL PLATE OVERALL.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
 RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
 CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

G	LEAD FREE UCP2004-1769 RWHITE 04/03/12
FI	REVISED ECR #U80270 MCGRATH 97/07/31
F	REVISED PLTG. SPEC. PER E.C.R. # U31149 08/19/93 REED
E	REVISED PER ECR# U82220 11-07-88 MJM/MGB
D	REDRAWN ON CAD PER E.C.R. #9509 11/10/86 WJF/MJM

MFG.	SH.	REV.	LTR.	REVISIONS
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DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°					
		INCH		METRIC	
3 PLACE	± .010	---		---	
2 PLACE	± .015	± 0.25		---	
1 PLACE	---	± 0.35		---	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRWG. BY: WJF		CHK'D. BY: MJM		FILE NAME: S70021X5 DGN	
APP'D. BY: WAZ		SCALE: 10:1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.		SHEET NO. 1		DATE 10/30/86	
PART NO. 16-02-0077		DRWG. NO. SD-70021-0006		DIV. DA	
SIZE B					