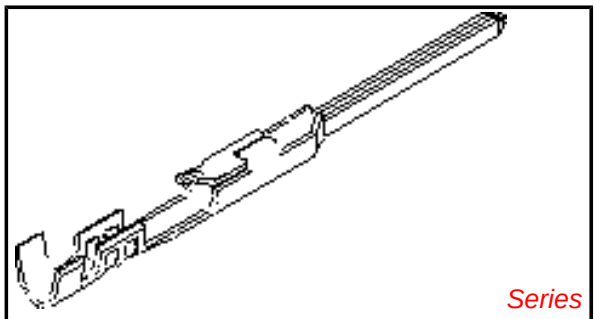
This document was generated on 05/18/2010

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



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	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.

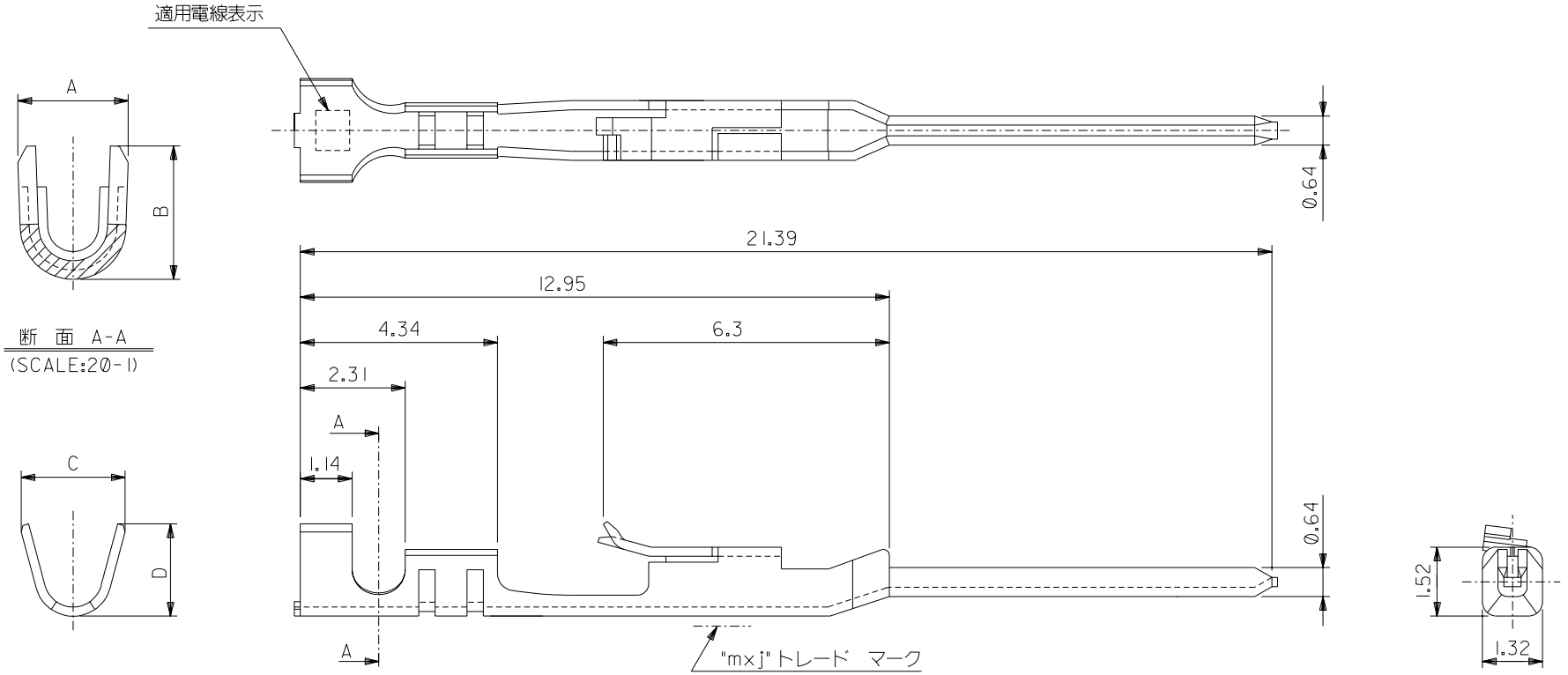
Global

Description	Product #
FineAdjust™ Applicator for SL™ Crimp Terminal, Male, 22 AWG, 41 Strands/44 AWG Wire	0639014500
Hand Crimp Tool, UL Approved	0638118800
T2 Terminator Tooling Die	0639103400

FineAdjust™ Applicator for SL™ Male Crimp Terminal, 24-30 AWG	0639003400
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



断 面 A-A
(SCALE:20-1)

注記：

1. 適合ハウジング： 70066−****, 70107−****
2. 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.

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.
1.91	2.1	1.47	1.22	A	ø 1.6 MAX.	AWG#24-#30	連鎖状	70021-0006
							バラ状	70021-0223
1.91	2.1	1.65	1.84	C		AWG#22-#24	連鎖状	70021-0023

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
B	変 更 (J2004-4519)	Y.W M.S	'04/05/31
A	変 更 (JD60398)	T.H M.S	'95/12/07
0	新規作成 (T00110)	A.M M.S	'90/4/6

REVISE ONLY ON CAD SYSTEM

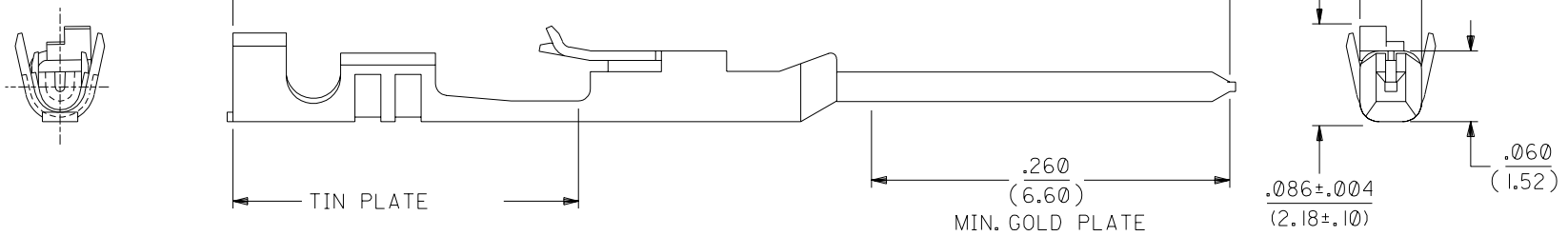
材料 MATERIAL 燐青銅 t 0.203
仕上げ FINISH 注記参照
適用電線範囲 WIRE RANGE 表参照
被覆外径 INS. RANGE 表参照
DRAWN BY S. Mitake
CHK'D BY M. Arao
APP'D BY S. Yamada
尺度 SCALE 10-1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
EDP. NO. —#—
ENG. NO. SD-70021-0*06/0*23
REV B
TITLE 名称 SL MALE CRIMP TERMINAL -LEAD FREE-

S70021AU.DGN

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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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. 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.

LTR.	REVISIONS
G	LEAD FREE UCP2004-1769 RWHITE 04/03/12
F1	REVISED ECR #U80270 MCGRATH 97/07/31
F	REVISED PLTG. SPEC. PER ECR # 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.

C = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH

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
APP'D. BY	WAZ	SCALE	10: 1

TITLE: TERMINAL, MALE CRIMP

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

FILE NAME S70021X5 DGN

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DIV. DA | SIZE B