

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)

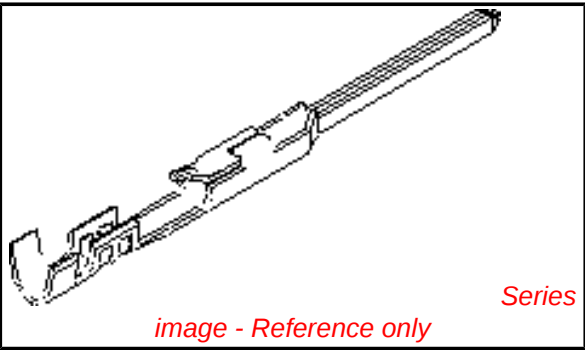
RoHS Certificate of Compliance (PDF)

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

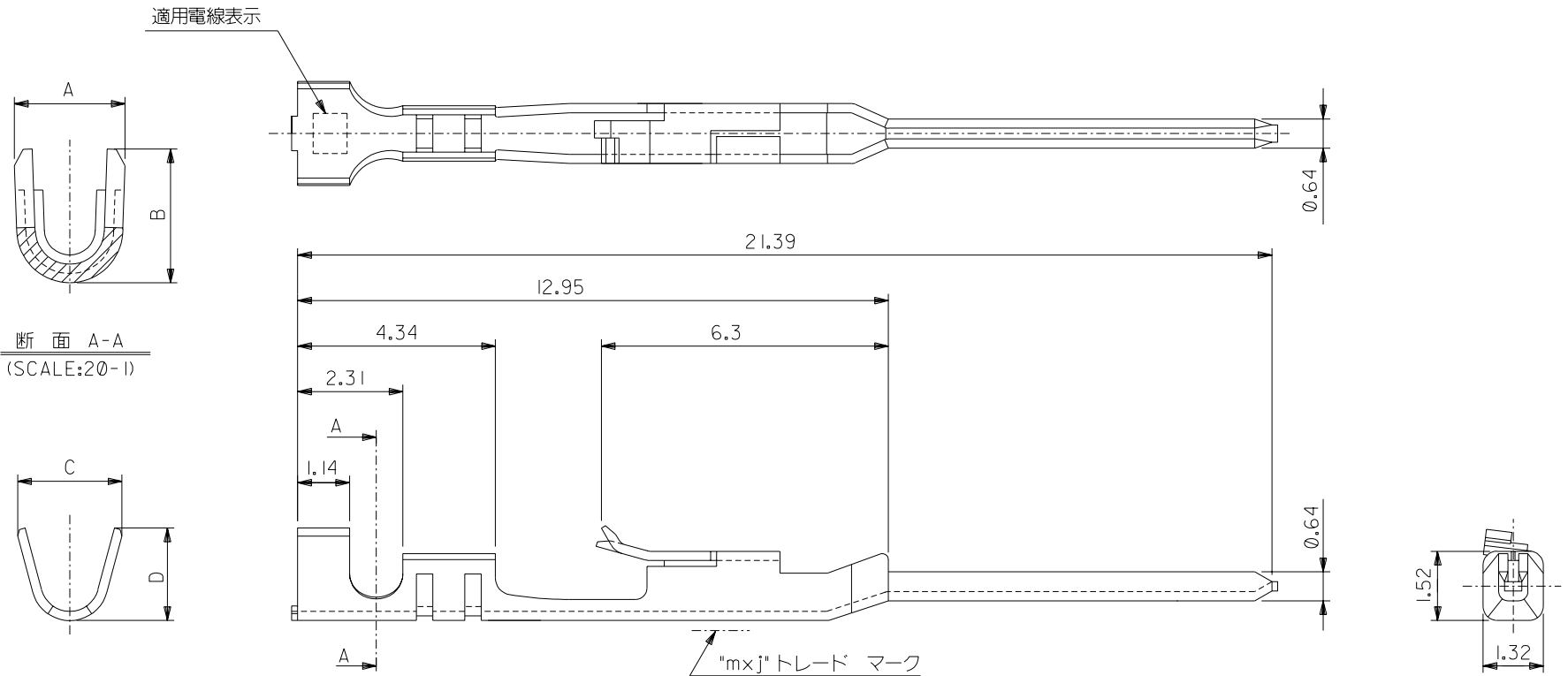
	FineAdjust™	<u>0639003400</u>
	Applicator for	
	SL™ Male Crimp	
	Terminal, 24-30	
	AWG	
	Insertion Tool	<u>0011020022</u>
	Extraction Tool	<u>0011030036</u>
	Japan	
	Description	Product #
	Applicator for M211A	<u>0570173000</u>
	Bench Press, 22-30	
	AWG, for 70021	
	Crimp Terminal	
	Hand Insertion Tool	<u>0570336000</u>

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

EDP NO. #



注記:

1. 適合ハウジング: 70066-****, 70107-****

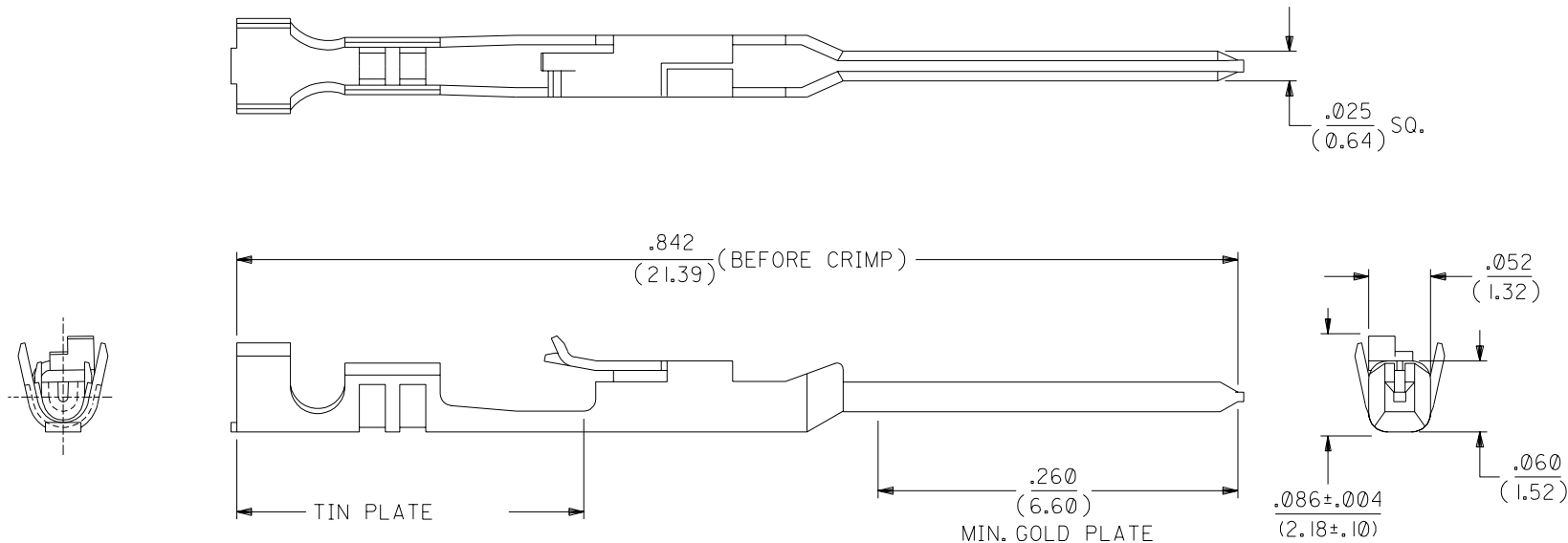
2. メッキ仕様:

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.

1.91	2.1	1.47	1.22	A	ø 1.6 MAX.	AWG#24-#30	連鎖状	70021-0006
1.91	2.1	1.65	1.84	C		AWG#22-#24	バラ状	70021-0223
							連鎖状	70021-0023
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	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社		
					t 0.203			
					仕上げ FINISH 注記参照	EDP. NO. —#—		
B	変 更	(J2004-4519)	Y.W. M.S.	04/05/31	適用電線範囲 WIRE RANGE 表参照	ENG. NO. SD-70021- 0*06 0*23		
A	変 更	(J060398)	T.H. M.S.	95/12/07	被覆外径 INS. RANGE 表参照	REV B		
0	新規作成	(T00110)	A.M. M.S.	90/4/6	DRAWN BY CHK'D BY A.A. A. Mitake M. Ryo	TITLE 名称 SL MALE CRIMP TERMINAL -LEAD FREE-		
記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	APP'D BY S. Yamada	尺度 SCALE 10-1			
REVISE ONLY ON CAD SYSTEM								



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
F I	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.	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		
APP'D. BY	WAZ	SCALE	10: 1		
FILE NAME S70021X5 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. DA	SIZE B

TITLE TERMINAL, MALE CRIMP		
MOLEX INCORPORATED LITSE,ILL. 60532 U.S.A.	SHEET NO. 1	DATE 10/30/86
PART NO. 16-02-0077	DRWG. NO. SD-70021-0006	