

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0016020081

Status:

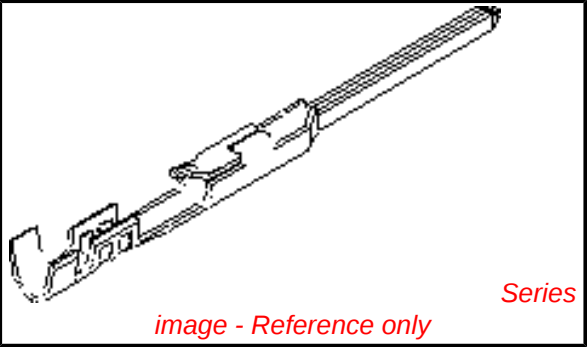
Active

Overview:

cgrid_sl_products

Description:

SL™ Crimp Terminal, Series 70021, Male, with 0.38µm (15µ") Selective Gold (Au) Plated Contact, 22-24 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	1.63mm (.064") max.
Wire Size AWG	22, 24
Wire Size mm²	N/A
Material Info	
Old Part Number	70021-0023
Reference - Drawing Numbers	
Packaging Specification	PK-70873-1300
Product Specification	PS-70021
Sales Drawing	SD-70021-0*06_0*23, SD-70021-0023

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 T2 Terminator	0639003500
Tooling Die	0639103500
Hand Crimp Tool	0638118700
Insertion Tool	0011020022
Extraction Tool	0011030036

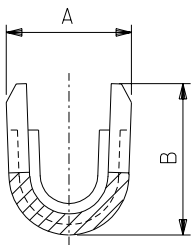
Japan

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

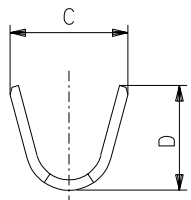
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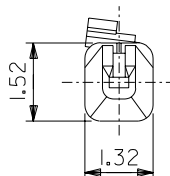
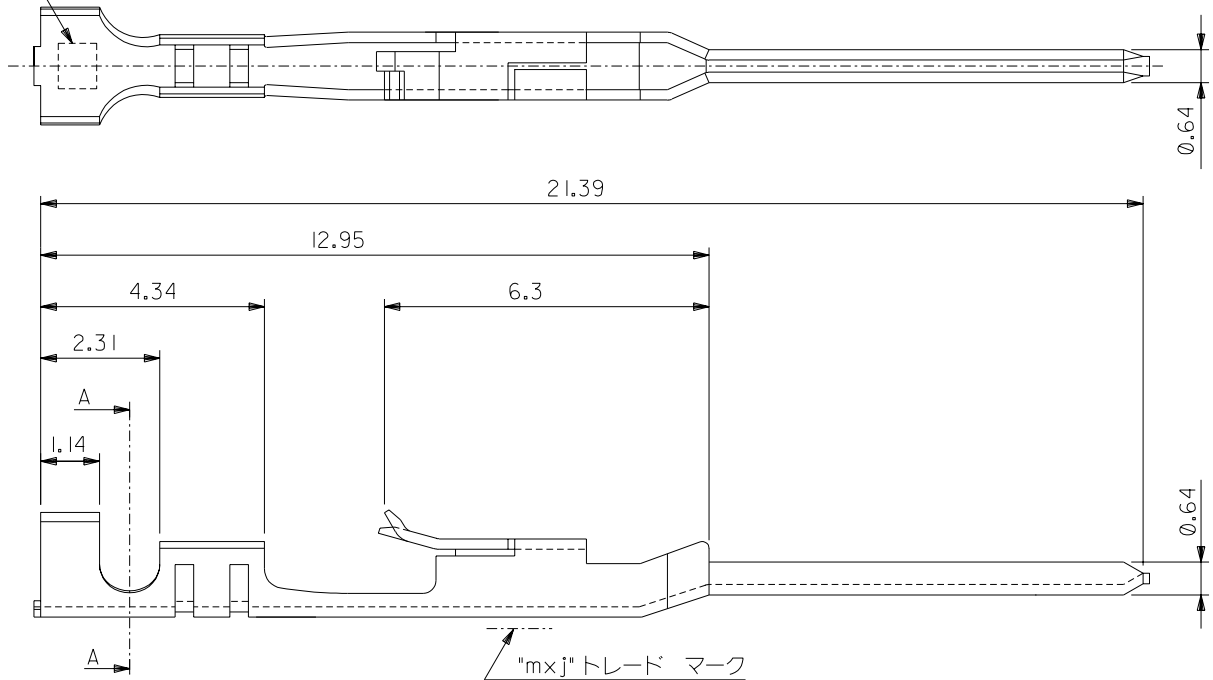
ENG. NO. SD-70021-0*06-0*23
EDP NO. #



断面 A-A
(SCALE:20-1)



適用電線表示

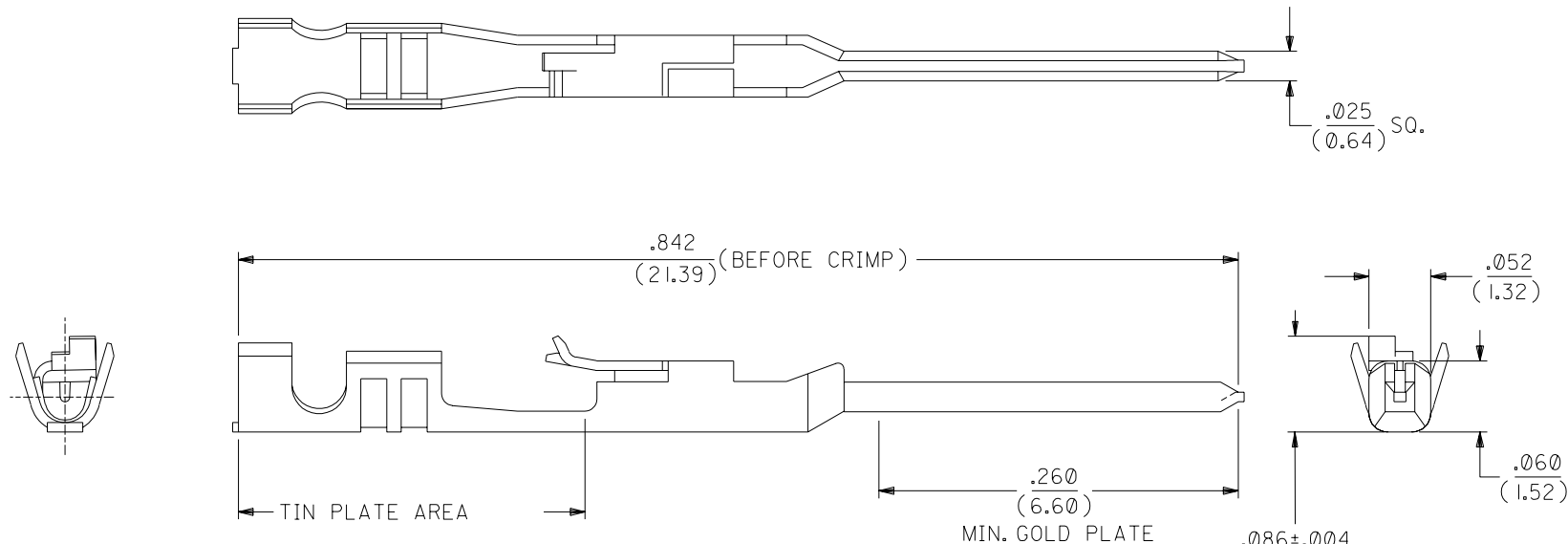


注記:

- 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	φ 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
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	磷青铜			
				MATERIAL	t 0.203			
				仕上げ	注記参照			
				FINISH				
				適用電線範囲	表参照			
				WIRE RANGE				
				被覆外径	表参照			
				INS. RANGE				
				DRAWN BY	CHK'D BY			
				APP'D BY	SCALE			

角度 ANGLE	±3°	B	変更 (J2004-4519)	1/11	M.S	04/05/31
30 以上 OVER	+0.3	A	変更 (J060398)	1/11	M.S	95/12/07
10 以上 OVER 30 未満 UNDER	+0.25	0	新規作成 (T00110)	1/11	M.S	90/4/6
10 未満 UNDER	+0.2	記号	変更内容	DR. CHK.	日付	DATE
一般公差 GENERAL TOLERANCES			REVISION RECORD			



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 22-24 AWG STRANDED WIRE WITH .064 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:

.000015 GOLD PLATE IN SELECT AREA.
.000075 MIN. TIN PLATE IN SELECT AREA.
OVER NICKEL PLATE.

*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 S70021X23 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV.	DA
PART NO. 16-02-0081		DRWG. NO. SD-70021-0023		SIZE	B