

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0016020108

Status:

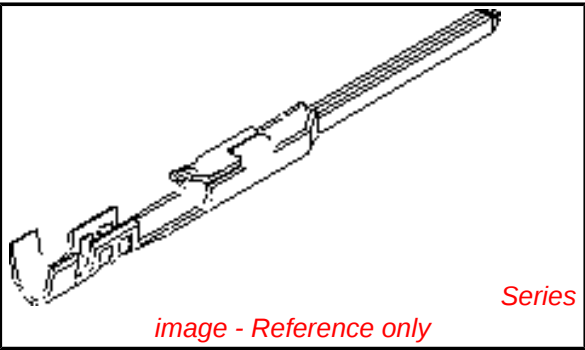
Active

Overview:

cgrid_sl_products

Description:

SL™ Crimp Terminal, Series 70021, Male, with Tin (Sn) Plated Contact, 24-30 AWG, Bag



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-70021 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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	Bag
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	1.52mm (.060") max.
Wire Size AWG	24, 26, 28, 30
Wire Size mm²	N/A
Material Info	
Old Part Number	70021-0204
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0822
Product Specification	PS-70021
Sales Drawing	SD-70021-0*04_0*21, SD-70021-0204

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 #
Hand Crimp Tool, UL Approved	0638118800
Insertion Tool	0011020022
Extraction Tool	0011030036

Japan

Description	Product #
Hand Crimp Tool	0570365000
Hand Crimp Tool	0570375000

This document was generated on 05/18/2010

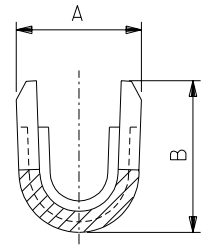
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

ENG. NO.
SD-70021-0*04

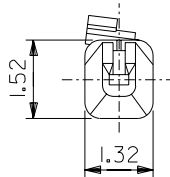
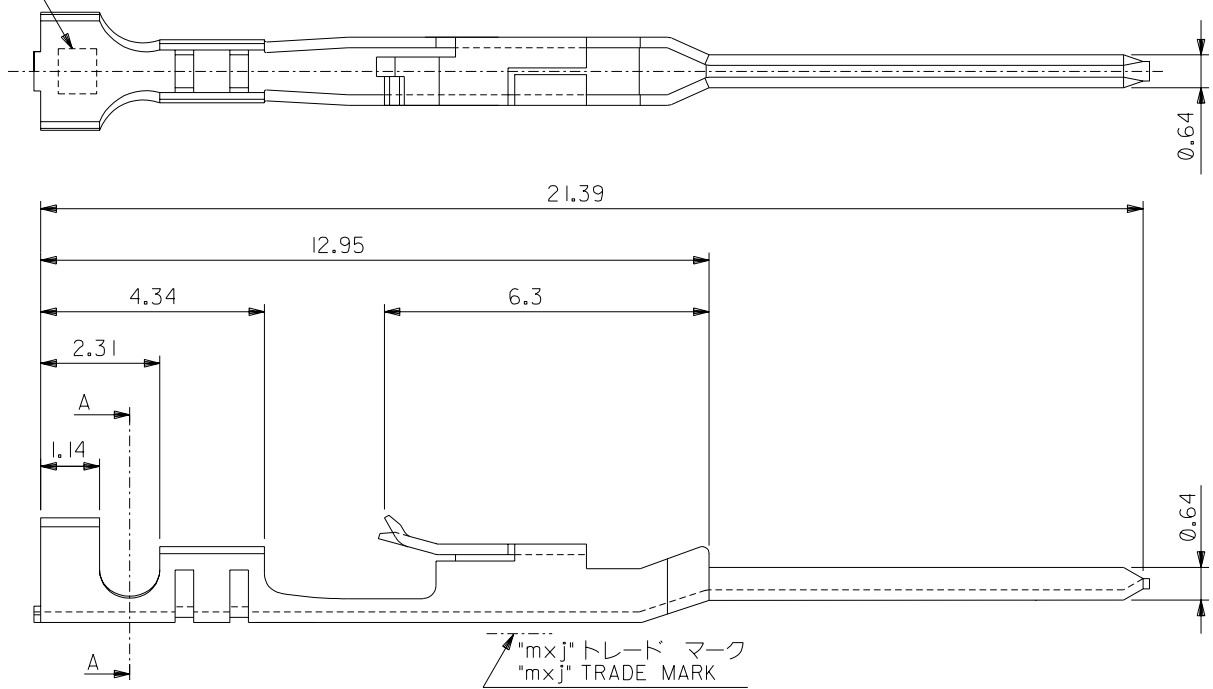
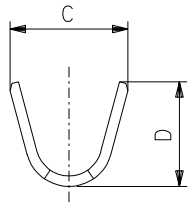
EDP NO.
—

ALL DIMENSIONS IN METRIC DO NOT SCALE DRAWING

適用電線表示
CRIMP SIZE CODE LETTER



断面 A-A
SECTION A-A
(SCALE:20-1)

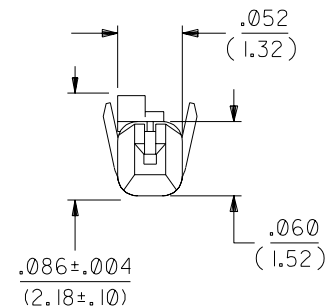
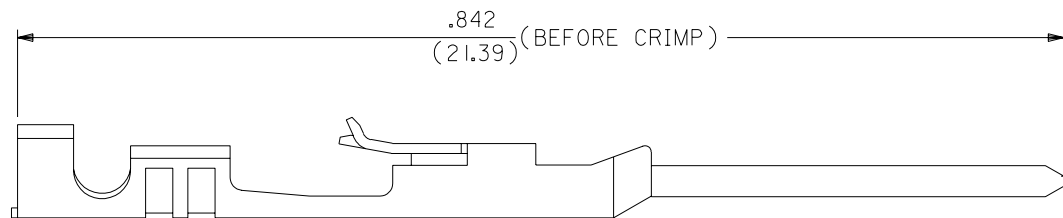
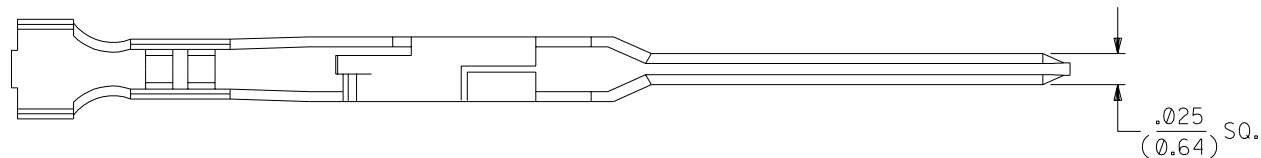
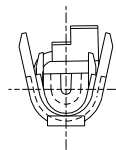


注記:
NOTES:

- 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

1.91	2.1	1.47	1.22	A	ø 1.6 MAX.	AWG#24-#30	バラ状 LOOSE	70021-0204
1.91	2.1	1.65	1.84	C		AWG#22-#24	連鎖状 CHAIN	70021-0004
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.
				材料 MATERIAL	被覆銅 PHOSPHOR BRONZE	molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社		
				仕上げ FINISH	注記参照 SEE NOTES			
				適用電線範囲 WIRE RANGE	表参照 SEE CHART	EDP. NO. —		
				被覆外径 INS. RANGE	表参照 SEE CHART			
				DRAWN BY A. Mitake	CHK'D BY M. Kato	TITLE 名称 SL MALE CRIMP TERMINAL -LEAD FREE-		
				APP'D BY S. Yamada	尺度 SCALE 10-1			

角度 ANGLE	±3°	B	変更 REVISED	U2004-4519	Y.M.S.	04/05/31
30以上 OVER	+0.3	A	変更 REVISED	(T20159)	H.H.I.	19/5/20
10以上 30未満 OVER 30 UNDER	+0.25	0	新規格作成 RELEASED	(T00110)	Y.M.S.	19/4/6
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						



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 LOOSE PER DRAWING PK-70873-0822.

PLATING:

.000150 MIN. TIN PLATE
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.

D	LEAD FREE UCP2004-1769 RWHITE 04/03/15
C2	REVISED PER ECR #U80270 MCGRATH 97/07/31
C1	REVISED PER ECR #U70928 MCGRATH 97/06/26
C	164 PLTG. WAS 102 PER ECR # U31149 08/19/93 REED
B	REDRAWN ON CAD PER ECR # 9509 11/10/86 WJF/MJM

MFG.	SH.	REV.	LTR.	REVISIONS
------	-----	------	------	-----------

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 S70021X4 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		SHEET NO. 1		DATE 10/30/86	
PART NO. 16-02-0108		DRWG. NO. SD-70021-0204			

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.		SHEET NO. 1		DATE 10/30/86	
--	--	----------------	--	------------------	--