

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0016020078

Status:

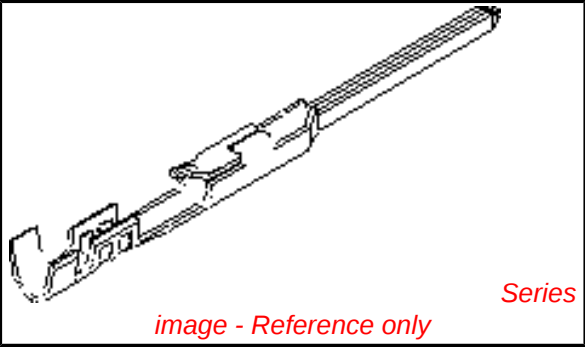
Active

Overview:

cgrid_sl_products

Description:

SL™ Crimp Terminal, Series 70021, Male, with 0.76µm (30µ") 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)	30
Plating min: Mating (µm)	0.75
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	70021-0008
Reference - Drawing Numbers	
Packaging Specification	PK-70873-1300
Product Specification	PS-70021
Sales Drawing	SD-70021-0008

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.

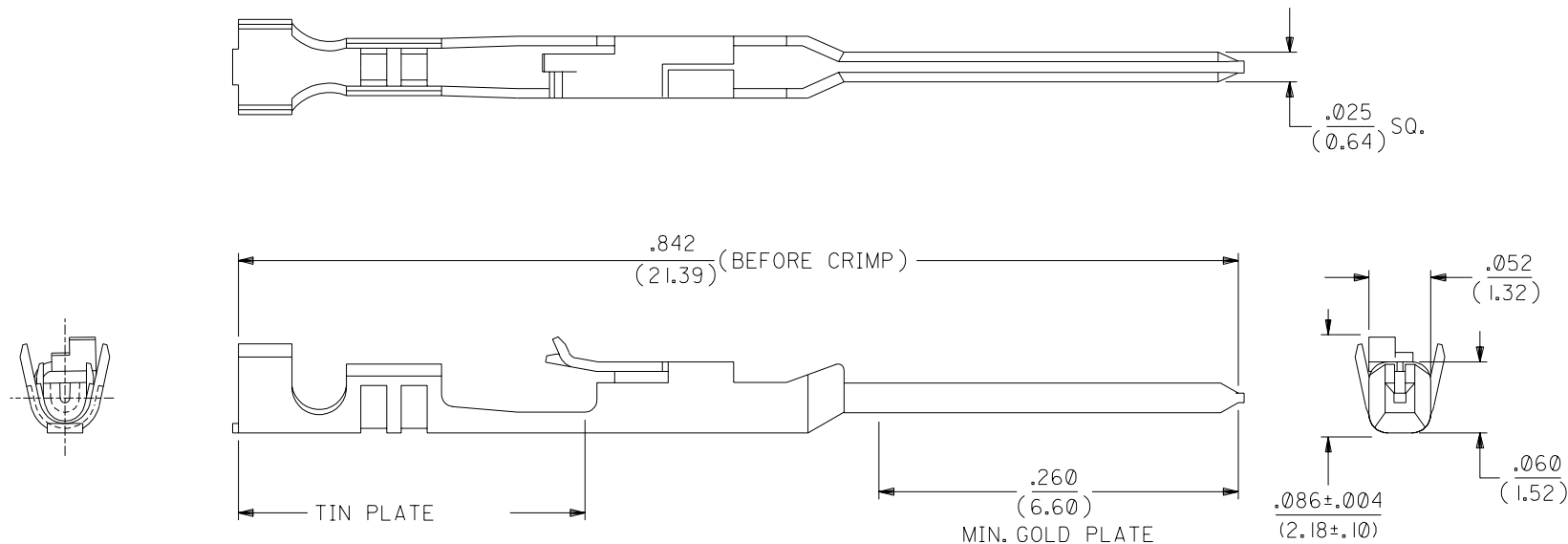
Global

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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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:

30 GOLD - .000030 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 08/17/93 REED
E	REVISED PER ECR # U82220 11-07-88 MJM/MGB
D	REDRAWN ON CAD PER E.C.M. #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 S70021X7 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV.	SIZE
16-02-0078		SD-70021-0008		DA	B

MOLEX INCORPORATED
LISLE, ILL. 60532 U.S.A.

PART NO. 16-02-0078
DRWG. NO. SD-70021-0008

SHEET NO. 1
DATE 10/30/86