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Part Number:

0016021113

Status:

Active

Overview:

cgrid_sl_products

Description:

SL™ Crimp Terminal, Series 71851, Female, with 0.76µm (30µ") Selective Gold (Au) Plated Contact, 24-30 AWG, Reel

Documents:

Drawing (PDF)

Product Specification PS-71851 (PDF)

Product Specification PS-70400 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	71851
Crimp Quality Equipment	Yes
Overview	cgrid_sl_products
Product Name	SL™
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.88
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	71851-0008
Reference - Drawing Numbers	
Packaging Specification	PK-70873-1300
Product Specification	PS-70400, PS-71851
Sales Drawing	SD-71851-0008

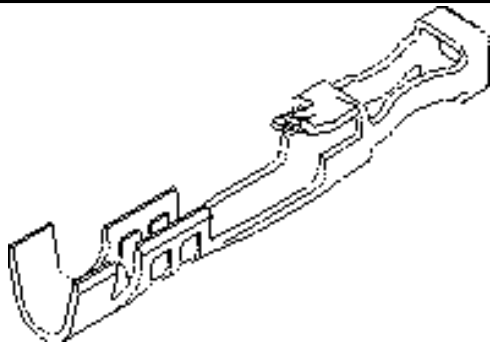


image - Reference only

Series

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.

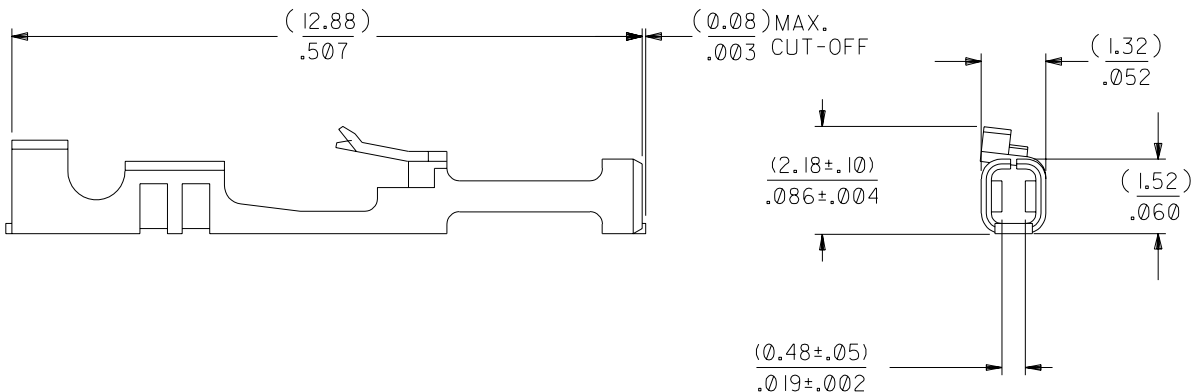
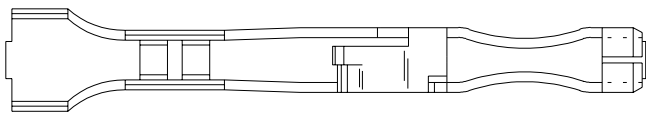
Search Parts in this Series
71851Series

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™	0639001500
Applicator	
Hand Crimp Tool, UL	0638118800
Approved	
FineAdjust™	0639003100
Applicator for SL™	
Female Crimp Terminal, 24-30 AWG	
T2 Terminator	0639103100
Tooling Die	
Insertion Tool	0011020022

This document was generated on 05/18/2010

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NOTES:

1. TERMINAL TO BE USED IN HOUSINGS 70066-**** AND 70450-****
2. REFER TO PRODUCT SPECIFICATION PS-71851
3. REFER TO MOLEX OPERATIONS AND SERVICE MANUAL FOR CRIMP DETAILS
4. TERMINAL TO BE USED WITH (0.64)/.025 SQUARE PINS
5. TERMINAL TO BE USED WITH 24-30 AWG STRANDED WIRE WITH (1.52)/.060 MAX. DIA. INSULATION
6. TERMINALS SUPPLIED IN REEL FORM

PLATING:

.000030 MINIMUM GOLD PLATE IN SELECT AREA
WITH .000075 MINIMUM TIN PLATE IN SELECT
AREA OVER 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.

				CI	REVISED ECR #U80270 MCGRATH 97/07/31	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM													
				C	REVISE PER ECR# U82219 11-07-88 MJM/MGB	<table><tr><th></th><th>INCH</th><th>METRIC</th></tr><tr><td>3 PLACE</td><td>± .010</td><td>---</td></tr><tr><td>2 PLACE</td><td>± .014</td><td>± 0.25</td></tr><tr><td>1 PLACE</td><td>---</td><td>± 0.35</td></tr></table>			INCH	METRIC	3 PLACE	± .010	---	2 PLACE	± .014	± 0.25	1 PLACE	---	± 0.35	TITLE TERMINAL-BOX/CRIMP HIGH FORCE CONTACT			
	INCH	METRIC																					
3 PLACE	± .010	---																					
2 PLACE	± .014	± 0.25																					
1 PLACE	---	± 0.35																					
D		LEAD FREE UCP2004-1769 RWHITE 04/03/24		B	REVISE PER ECR #U80064 3/25/88 MJM	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LITSE,ILL. 60532 U.S.A.		SHEET NO. 1	DATE 03/25/88												
						<table><tr><td>DRWG. BY</td><td>MJM</td><td>CHK'D. BY</td><td>MJM</td></tr></table>		DRWG. BY	MJM	CHK'D. BY	MJM	PART NO. 016-02-1113		DRWG. NO. SD-71851-0008									
DRWG. BY	MJM	CHK'D. BY	MJM																				
LTR.		REVISIONS		LTR.	REVISIONS	<table><tr><td>APP'D. BY</td><td>WAZ</td><td>SCALE</td><td>10% 1</td></tr></table>		APP'D. BY	WAZ	SCALE	10% 1	FILE NAME S71851X25		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. DA	SIZE B						
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