

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0014562031

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Female, Single Row, Version A, Nonpolarized, Wire Size 24, 0.38µm (15µ") Gold (Au), 3 Circuits

Documents:

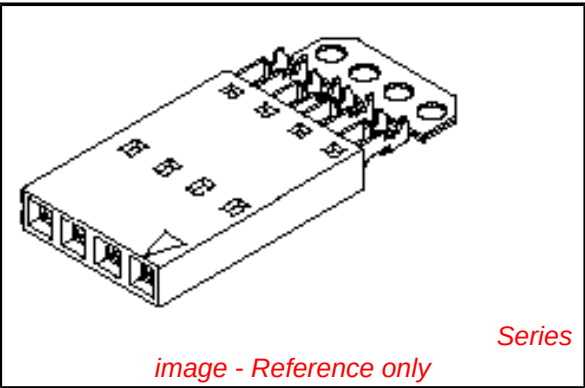
3D Model

Drawing (PDF)

Product Specification PS-70400 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Ribbon Cable / Wire Trap Connectors
Series	70400
Comments	Terminals Preloaded
Component Type	Housing
Glow-Wire Compliant	No
Overview	cgrid_sl_products
Product Name	SL™
Physical	
Circuits (Loaded)	3
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Number of Rows	1
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Polarized to Mating Part	No
Stackable	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	IDT or Pierce
Wire Insulation Diameter	1.35mm (.053") max.
Wire Size AWG	24
Wire/Cable Type	Discrete Wire, Ribbon Cable
Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V
Material Info	



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

70400Series

Mates With

Single Row headers and housings, [8624](#) , [70203](#) , [42375](#) , [42377](#)

Use With

[7307](#) Tinned 28AWG, [7767](#) Topcoat 28AWG, [24241](#) Tinned 26AWG, [8996](#) Topcoat 26AWG, [24226](#) Tinned 24AWG, [8997](#) Topcoat 24AWG, [24369](#) High Flex 26AWG, [24389](#) High Flex 24AWG

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 #

Hawk Semi- Automatic Discrete

[0011201337](#)

Old Part Number	704000527	Wire Terminator for SL - Rebuilt US*
Reference - Drawing Numbers		Hawk™ Ribbon <u>0623003000</u>
Product Specification	PS-70400	Cable Terminator for SL without Break-off
Sales Drawing	SD-70400-010, SDA-70400-0526-0549	Hawk™ Semi- <u>0623004900</u> Automatic Discrete
		Wire Terminator for SL - Rebuilt CE
		Approved*
		Hawk™ Flat Flex <u>0623005200</u>
		Cable Terminator for SL with Break-off
		Hawk™ Ribbon <u>0623005300</u>
		Cable Terminator with for SL Break-off
		IDT Discrete <u>0621000700</u>
		Handtool Module for SL™
		Hawk™ Semi- <u>0623003100</u> Automatic Discrete
		Wire Terminator for SL

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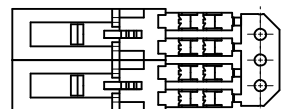
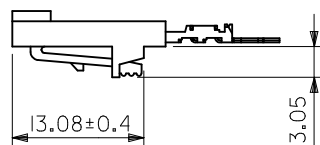
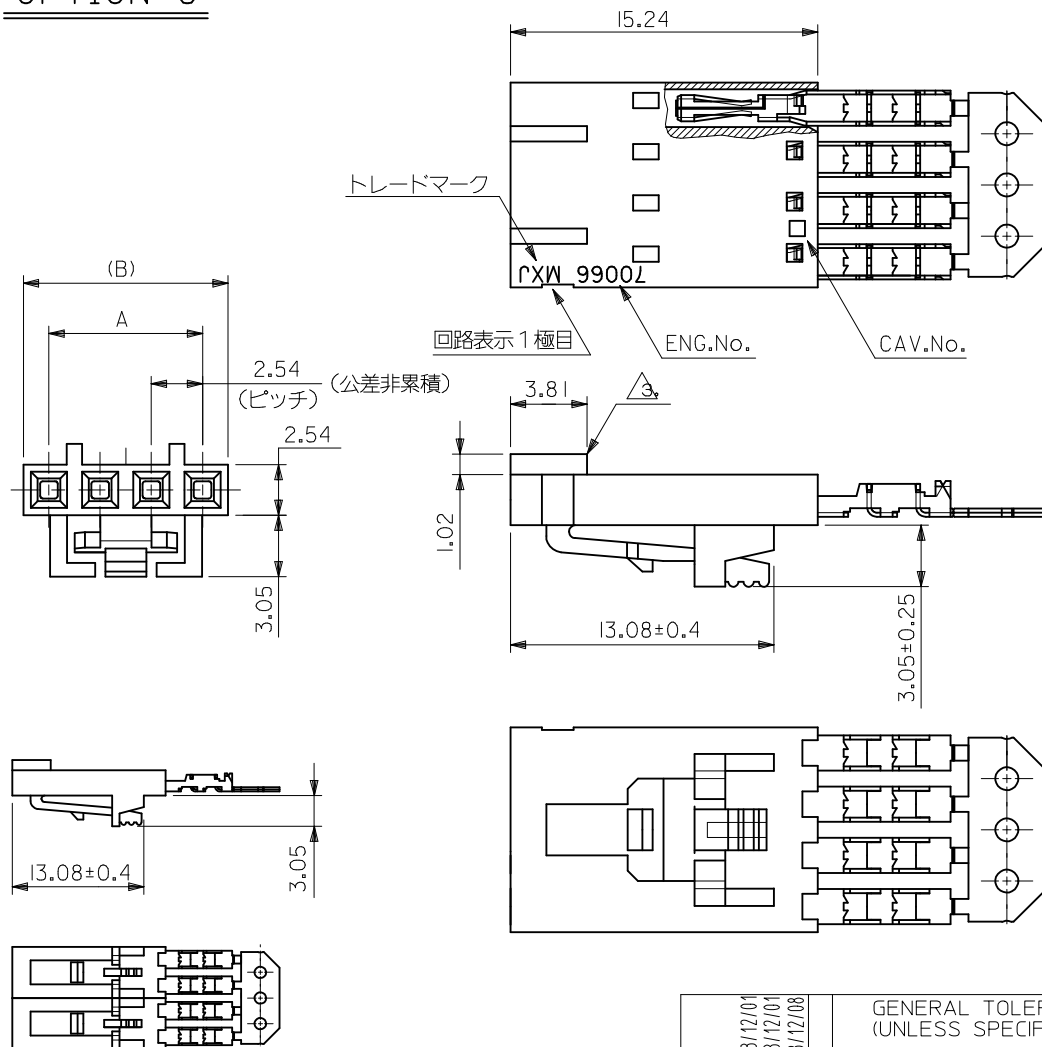
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2

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OPTION G



2極の場合

(SCALE:2-1)

注記:

1. 材料
ハウジング: ガラス入りポリエステル UL 94V-0
ターミナル: 燐青銅
2. 仕上げ
接点部: 金メッキ 0.38 μm MIN.
圧接部: 錫メッキ 1.91 μm MIN.
下地メッキ: ニッケルメッキ 1.27 μm MIN.
3. 極性リブは、2極及び3極の場合1箇所のみとする。
但し3極の場合のリブは、1極目と2極目の間とする。
4. 適合オスコネクター: 70107-****, 70018-****
5. 適合ヘッダー: 70389-****, 70391-****
6. ハウジングの色: 黒

60.96	58.42	70400-0688	24
58.42	55.88	70400-0687	23
48.26	45.72	70400-0683	19
40.64	38.10	70400-0680	16
38.10	35.56	70400-0679	15
35.56	33.02	70400-0678	14
33.02	30.48	70400-0677	13
27.94	25.40	70400-0675	11
25.40	22.86	70400-0674	10
22.86	20.32	70400-0673	9
(B)	A	MATERIAL No.	極数

REVISED EC NO: J2009-0453 DRWN: YOSHIDA 2008/12/01 CHKD: THARUYAMA 2008/12/01 APPR: NUKITA 2008/12/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY T. FURUHATA	DATE '87/11/17	TITLE 2.54 SINGLE ROW ASSY FEMALE I.D.CONN OPTION G -LEAD FREE-			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE				
		30 OVER	± 0.3	APPROVED BY S. YAMADA	DATE	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-70400-010		1 OF 1	
D			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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