

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0014441218](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24, 0.38µm (15µ") Gold (Au), 18 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-70400 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [70475](#)  
 Comments Terminals Preloaded  
 Component Type Housing  
 Glow-Wire Compliant No  
 Overview [cgrid\\_sl\\_products](#)  
 Product Name SL™

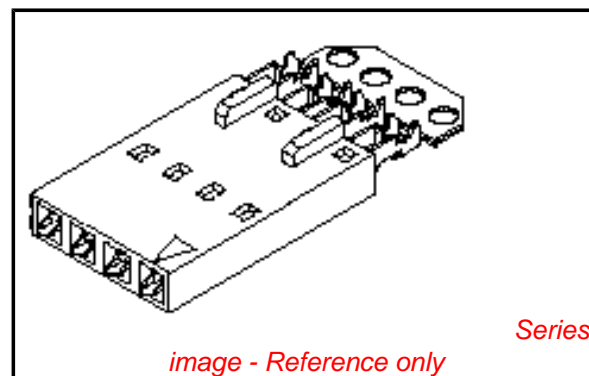
**Physical**

Circuits (Loaded) 18  
 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) 0.38  
 Plating min: Termination (µin) 75  
 Plating min: Termination (µm) 1.91  
 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](mailto: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**

[70475Series](#)

**Mates With**

[70004](#) Interim Clip (Single Row), [70013](#) Interim Clip (Dual Row)

**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

Old Part Number

A-70475-0612

**Reference - Drawing Numbers**

Product Specification

PS-70400

Sales Drawing

SD-70475-0\*\*\*

This document was generated on 05/20/2010

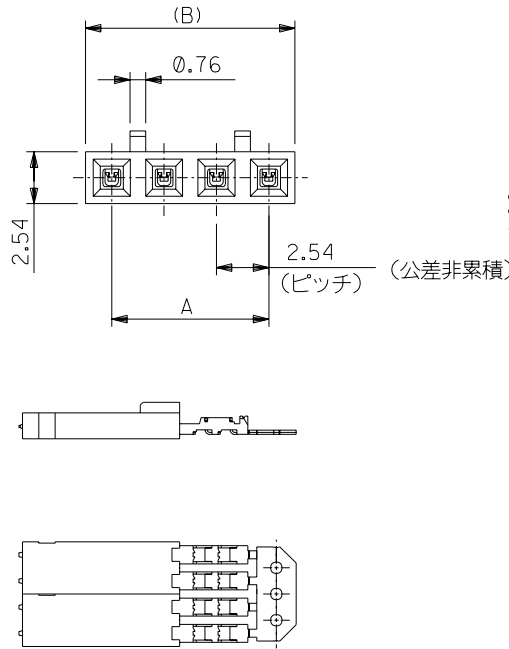
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ENG. NO.  
SD-70475-0\*\*\*\*

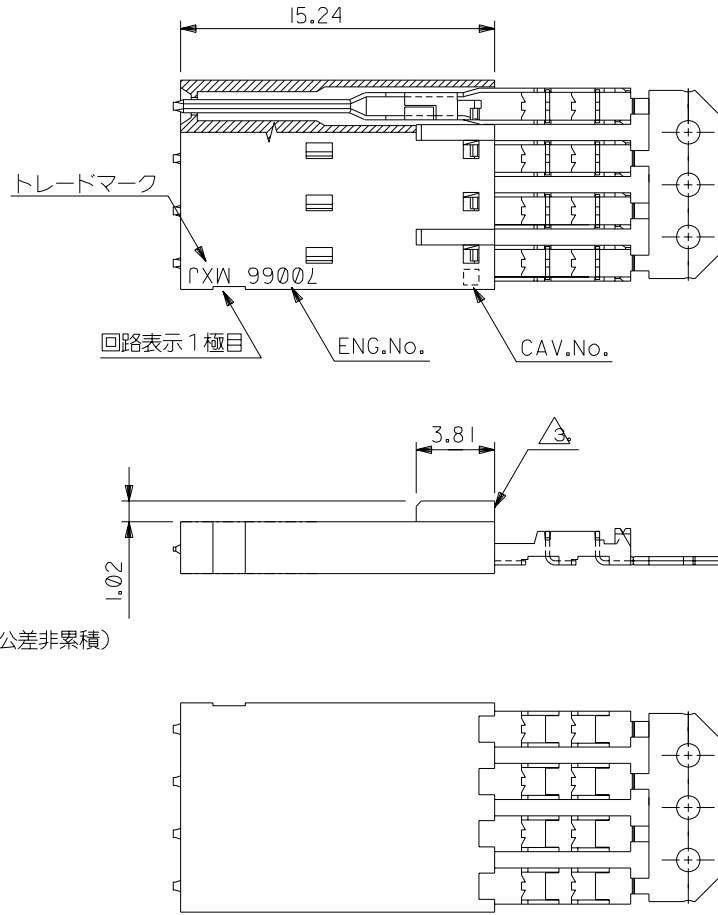
EDP NO.  
—#—

ALL DIMENSIONS IN METRIC DO NOT SCALE DRAWING

OPTION D



2極の場合  
(SCALE:2-1)



注記:

- 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
- 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.
- 極性リブは、2極の場合1箇所のみとする。
- 適合クリップ：70104-\*\*\*\*  
70013-\*\*\*\*  
70018-\*\*\*\*  
70022-\*\*\*\*
- ハウジングの色：黒

63.50	60.96	70475-0619	25
60.96	58.42	-0618	24
58.42	55.88	-0617	23
55.88	53.34	-0616	22
53.34	50.80	-0615	21
50.80	48.26	-0614	20
48.26	45.72	-0613	19
45.72	43.18	-0612	18
43.18	40.64	-0611	17
40.64	38.10	-0610	16
38.10	35.56	-0609	15
35.56	33.02	-0608	14
33.02	30.48	-0607	13
30.48	27.94	-0606	12
27.94	25.40	-0605	11
25.40	22.86	-0604	10
22.86	20.32	-0603	9
20.32	17.78	-0602	8
17.78	15.24	-0601	7
15.24	12.70	-0600	6
12.70	10.16	-0599	5
10.16	7.62	-0598	4
7.62	5.08	-0597	3
5.08	2.54	70475-0596	2
(B)	A	MATERIAL No.	極数

C 変更 (J2004-4519)		M.S.	04/05/31	材料 MATERIAL	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
B 変更 (T20159)		S.M.	H.I	注記参照	
A 変更 (T90267)		V.H.	M.S.	仕上げ FINISH	注記参照
0 新規作成 (T80231)		V.F.	M.S.	適用電線範囲 WIRE RANGE	AWG#24
記号 TR 変更内容 REVISION RECORD		DR. CHK.	日付 DATE	被覆外径 INS. RANGE	φ 1.35 MAX.
REVISION RECORD		DR. CHK.	日付 DATE	DRAWN BY	T.FURUHATA
REVISION RECORD		DR. CHK.	日付 DATE	CHK'D BY	M.SASAO
REVISION RECORD		DR. CHK.	日付 DATE	APP'D BY	S.YAMADA
REVISION RECORD		DR. CHK.	日付 DATE	尺度 SCALE	4-1