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**Part Number:** [0015474170](#)  
**Status:** **Active**  
**Overview:** C-Grid® / SL™ Products  
**Description:** 2.54mm (.100") C-Grid SL™ Single Row, Female, Version A Receptacle, 17 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-70430 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series 70430  
 Overview C-Grid® / SL™ Products  
 Product Name SL™

**Physical**

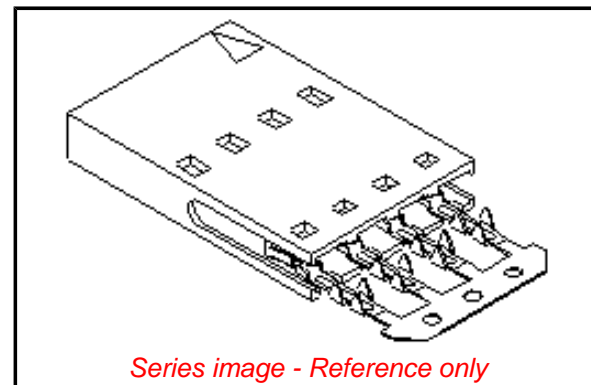
Circuits (Loaded) 17  
 Color - Resin Black  
 Contact Position N/A  
 Durability (mating cycles max) 50  
 Entry Angle Vertical  
 Flammability 94V-0  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length (in) 0.130 In  
 PC Tail Length (mm) 3.30 mm  
 PCB Retention None  
 PCB Thickness Recommended (in) 0.062 In  
 PCB Thickness Recommended (in) 0.093 In  
 PCB Thickness Recommended (mm) 1.60 mm  
 PCB Thickness Recommended (mm) 2.40 mm  
 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 PCB No  
 Stackable Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style IDT or Pierce  
 Wire/Cable Type FFC/FPC

**Electrical**

CSA LR19880  
 Current - Maximum 1A  
 Current - Maximum 2A  
 UL E29179  
 Voltage - Maximum 250V

**Material Info**

Old Part Number 70430-0191



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**Halogen-Free  
 Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[70430 Series](#)

**Mates With**

2.54mm (.100") pitch, single or dual  
 row, breakaway headers

**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 #
TM-42™ FFC and SL™ Termination Kit	<a href="#">0622018700</a>
TM-42™ FFC and SL™ Press and Termination Kit for 110v applications	<a href="#">0622020800</a>
Manual Ribbon Cable Cutter Hand Tool	<a href="#">0638170100</a>

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-70430

SDA-70430-0176-0199

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