

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

**Part Number:** **0015475120**  
**Status:** **Active**  
**Overview:** SL Modular Connectors  
**Description:** SL FFC/FPC Connector - Single Row Male Version D, 12 Circuits

**Documents:**

[3D Model \(PDF\)](#) [Product Specification PS-70430-001 \(PDF\)](#)  
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [70431](#)  
 Comments Male  
 Overview [SL Modular Connectors](#)  
 Product Name SL  
 Taxonomy FFC / FPC Connectors  
 UPC 800755017885

**Physical**

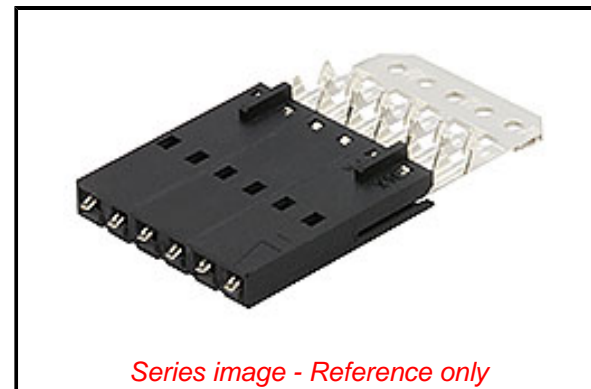
Actuator Type N/A  
 Circuits (Loaded) 12  
 Color - Resin Black  
 Contact Position N/A  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester Alloy  
 Net Weight 1.843/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Mounting N/A  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 1.905µm  
 Polarized to PCB No  
 Stackable Yes  
 Surface Mount Compatible (SMC) N/A  
 Temperature Range - Operating -40° to +105°C  
 Wire/Cable Type FFC/FPC

**Electrical**

Current - Maximum per Contact 2.0A  
 Voltage - Maximum 250V

**Material Info**

Engineering Number 70431-0256



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70431 Series](#)

**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 #
Tool Kit for Standard	<a href="#">622007400</a>
Manual Press FFC	
Standard Manual	<a href="#">622007800</a>
Press for FFC	
FFC 2 thru 20 Circuit	<a href="#">638018550</a>
Termination Kit for use in the Molex TM-3000 or TM-4000 press installed into the TM-42 Replacement Crimp Module	

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-70430-001

SDA-70431-XXXX-001

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