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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

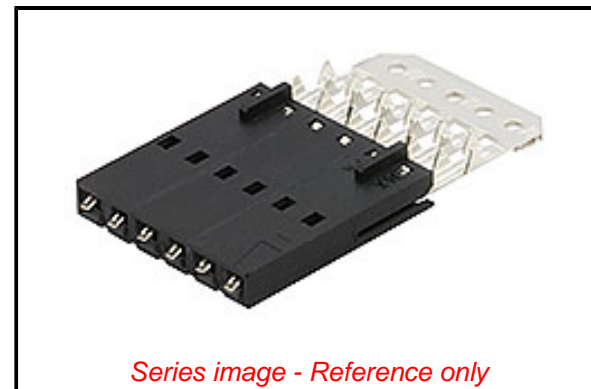
Actuator Type N/A
 Circuits (Loaded) 12
 Color - Resin Black
 Contact Position N/A
 Durability (mating cycles max) 50
 Flammability 94V-0
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester Alloy
 Net Weight 1.843/g
 Number 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	<u>622007400</u>
Manual Press FFC	
Standard Manual	<u>622007800</u>
Press for FFC	
FFC 2 thru 20 Circuit	<u>638018550</u>
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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