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Part Number: [15-47-5120](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch SL™ FFC/FPC Connector - Single Row Male Version D, 12 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family FFC/FPC Connectors
 Series [70431](#)
 Comments Male
 Overview [C-Grid® Products](#)
 Product Name SL™
 UPC 800755017885

Physical

Circuits (Loaded) 12
 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
 Net Weight 2.280/g
 Number of Rows 1
 Orientation Vertical
 PCB Locator No
 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°C to +105°C
 Termination Interface: Style IDT or Pierce
 Wire/Cable Type FFC/FPC

Electrical

Current - Maximum per Contact 2A
 Voltage - Maximum 250V

Material Info

Old Part Number 70431-0256

Reference - Drawing Numbers



EU RoHS

**ELV and RoHS
 Compliant
 REACH SVHC
 Not Reviewed
 Low-Halogen 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

70431Series

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 Manual Press FFC	0622007400
Standard Manual Press for FFC	0622007800
TM-42™ Termination Kit	0622018700
TM-42™ Press and Termination Kit for 110v applications	0622020800
Manual Ribbon Cable Cutter Hand Tool	0638170100

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