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Part Number: [1053071202](#)
Status: **Active**
Overview: [Nano-Fit™ Power Connectors](#)
Description: Nano-Fit™ Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 2 Circuits, Black

Documents:

[3D Model](#) [Packaging Specification PK-105307-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [105307](#)
 Application Power, Wire-to-Board
 Application Tooling Part Link 63824-4600
 Comments Operating temperature is -40#C to +105#C for tin and -40#C to +115#C for gold
 Overview [Nano-Fit™ Power Connectors](#)
 Product Name Nano-Fit™
 UPC 889056026437

Physical

Circuits (maximum) 2
 Color - Resin Black
 Flammability 94V-0
 Gender Receptacle
 Glow-Wire Compliant No
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Material - Resin Nylon
 Net Weight 0.310/g
 Number of Rows 1
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface 2.50mm
 Pitch - Termination Interface 2.50mm
 Polarized to Mating Part Yes
 Temperature Range - Operating -40°C to +105°C, -40°C to +115°C

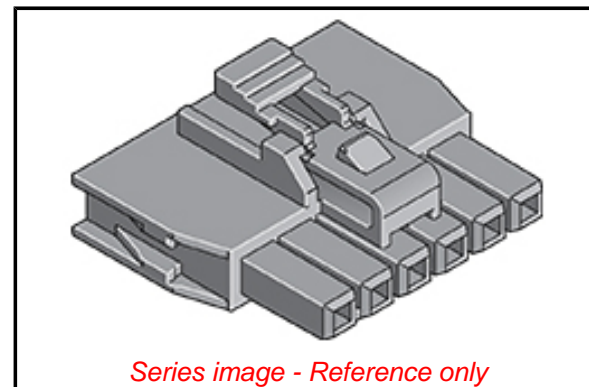
Electrical

Current - Maximum per Contact 6.5A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-105307-100
 Sales Drawing SD-105307-100



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Relevant

REACH SVHC

Not Relevant

Halogen-Free

Status

Not Relevant

Need more information on product environmental compliance?

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

China ROHS

Not Relevant

ELV

Not Relevant

Search Parts in this Series

[105307](#) Series

Mates With

Nano-Fit™ Headers [105309](#) , [105311](#) , [105313](#)

Use With

Nano-Fit™ Crimp Terminal [105300](#)

Nano-Fit™ TPA Retainer [105325](#)

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 #

Extraction Tool for [0638244600](#)
 Nano-Fit Power Connectors and

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