

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0511102051](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid Receptacle Housing, 20 Circuits, with Center Polarization Key, with Locking Ramp, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[Product Specification PS-51110-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [51110](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 63824-2800
 Comments Applicable Wire Range: 24-30 AWG
 Overview [Milli-Grid Connector System](#)
 Product Literature Order No 987650-1991
 Product Name Milli-Grid
 UPC 800753573888

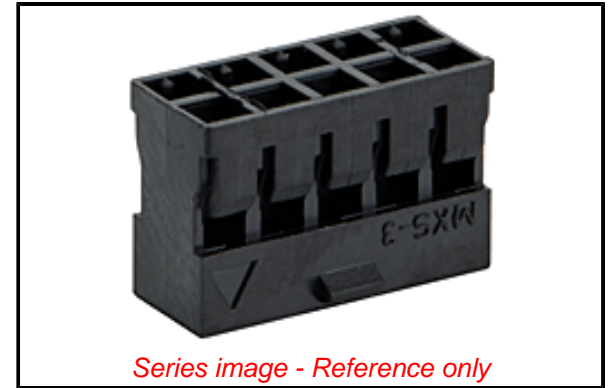
Physical

Circuits (maximum) 20
 Color - Resin Black
 Flammability 94V-0
 Gender Receptacle
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Material - Resin Polyester
 Net Weight 0.425/g
 Number of Rows 2
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface 2.00mm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating -40° to +105°C

Material Info

Reference - Drawing Numbers

Product Specification PS-51110-001-001
 Sales Drawing SD-51110-XX5X



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Reviewed

Not Contained

Search Parts in this Series

[51110 Series](#)

Mates With

Milli-Grid Headers [87758](#) , [87759](#) , [87760](#)
 , [87831](#) , [87832](#)
Milli-Grid BMI Header
[151013](#)
Milli-Grid Low-Halogen Headers
[151117](#) , [151118](#) , [151119](#) , [151120](#)

Use With

[50394 Crimp Terminals](#)

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 #

Extractor Tool for Milli-Grid 2.0 Housings [0638242800](#)

This document was generated on 10/09/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[51110-2051](#)