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Part Number: [75102-0081](#)
Status: **Active**
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, Compliant Pin, 8 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification PS-75100-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [75102](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Product Name C-Grid®

Physical

Breakaway Yes
 Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 4.75mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Polarized to Mating Part Yes
 Shrouded Fully
 Stackable Yes
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole - Compliant Pin

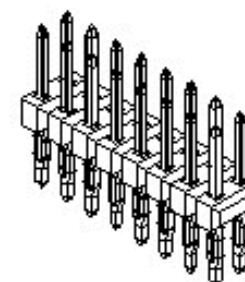
Electrical

Current - Maximum per Contact 3A
 Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers

Product Specification PS-75100-001
 Sales Drawing SD-75102-001



Series

image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

**Contains SVHC: No
 Low-Halogen Status
 Low-Halogen**

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

[75102Series](#)

Mates With

[70066](#) , [71973](#) , [7859](#) , [70400](#) , [70192](#) ,
[71850](#) , [71395](#) , [70854](#) , [71979](#) , [70450](#)

This document was generated on 04/03/2012

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