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Part Number: [15-80-0181](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 18 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification PS-70567 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [70567](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 800754647625

Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin Black
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 3.175/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 3.810µm
 Plating min - Termination 3.810µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Through Hole



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

[70567Series](#)

Mates With

[70450 Crimp Housing](#)

Electrical

Current - Maximum per Contact 2.5A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 245

Material Info

Old Part Number 70567-0007

Reference - Drawing Numbers

Product Specification PS-70567
Sales Drawing SDA-70567-****

This document was generated on 02/19/2013

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