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Part Number:

15-80-1541

Status:

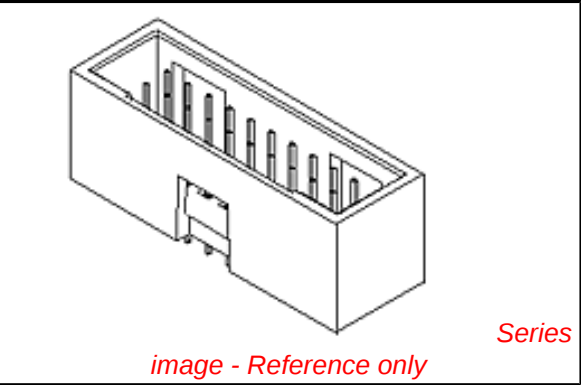
Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 54 Circuits, 0.76µm Gold, (Au) Selective Plating, Tin (Sn) PC Tail Plating, 3.81mm Inside Shroud to End Circuit Spacing



|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-70567 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 70567                          |
| Application                    | Signal, Wire-to-Board          |
| Overview                       | C-Grid® Products               |
| Product Name                   | C-Grid®                        |
| UPC                            | 800753976832                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 54                             |
| Circuits (maximum)             | 54                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| 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      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 9.040/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.30mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 2.36mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 1.905µm                        |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | Open Ends                      |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C to +105°C                |

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](mailto: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

70013 Interim Clip

|                                                |                              |
|------------------------------------------------|------------------------------|
| Termination Interface: Style                   | Through Hole                 |
| <b>Electrical</b>                              |                              |
| Current - Maximum per Contact                  | 2.5A                         |
| Voltage - Maximum                              | 250V DC                      |
| <b>Solder Process Data</b>                     |                              |
| 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                          |
| <b>Material Info</b>                           |                              |
| Old Part Number                                | A-70567-0365                 |
| <b>Reference - Drawing Numbers</b>             |                              |
| Product Specification                          | PS-70567                     |
| Sales Drawing                                  | SDA-70567-****               |

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