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Part Number: [0010897462](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, High Temperature, 46 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm PC Tail

Documents:

[3D Model](#) [Product Specification TS-70541-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70280-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

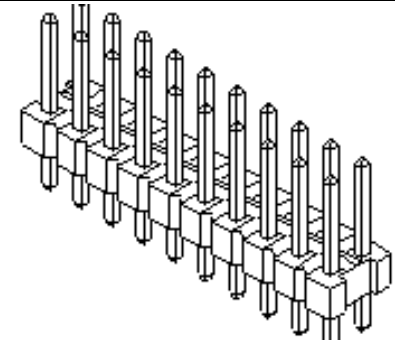
General

Product Family PCB Headers
 Series [70280](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 800755022025

Physical

Breakaway Yes
 Circuits (Loaded) 46
 Circuits (maximum) 46
 Color - Resin Black
 Durability (mating cycles max) 50
 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 None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 3.817/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 2.79mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 0.381µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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 Reviewed
 ELV Not Relevant
 RoHS Phthalates Not Reviewed

Search Parts in this Series

[70280 Series](#)

Current - Maximum per Contact
Voltage - Maximum

3.0A
250V

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

SMC&WAVE
260

Material Info

Engineering Number

70280-0063

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70280-001, TS-70541-001-001
SDA-70280-0001-4000

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