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Part Number: [0010897102](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 10 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm PC Tail

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [70280](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800755021707

Physical

Breakaway Yes
 Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Black
 Durability (mating cycles max) 50
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable 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
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.598/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 2.032µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[70280 Series](#)

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	A-70280-0045
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Reference - Drawing Numbers

Product Specification	PS-70280-001
Sales Drawing	SDA-70280-0001-4000

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