

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0702800458

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 100 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm PC Tail

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-70280-001 (PDF)

Packaging Specification PK-70873-0353-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Headers

70280

Board-to-Board, Signal, Wire-to-Board

PCB Header

C-Grid Connector Products

C-Grid

PCB Headers and Receptacles

822348773848

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Shrouded

Stackable

Temperature Range - Operating

Yes

100

100

Black

50

No

94V-0

No

No

None

None

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

5.977/g

2

Vertical

2.79mm

No

None

1.60mm

Bag

2.54mm

2.54mm

0.381µm

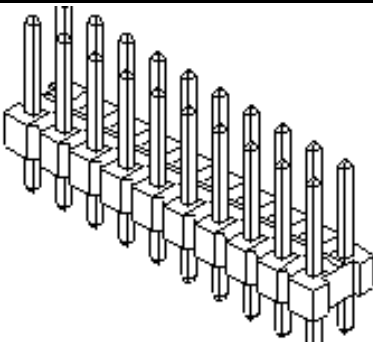
2.032µm

No

No

Yes

-40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

70280 Series

Mates With

C-Grid Surface Mount Right-Angle PCB Receptacle [71979](#) . C-Grid Surface Mount Vertical PCB Receptacle [71395](#) . C-Grid Through-hole Vertical PCB Receptacle [71850](#) . C-Grid Shunt Terminal Housing [7859](#)

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	SMC&WAVE
Process Temperature max. C	260
Material Info	
Engineering Number	A-70280-0458
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0353-001
Product Specification	PS-70280-001
Sales Drawing	SDA-70280-0001-4000-001

This document was generated on 02/07/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION