

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0878980306](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: C-Grid® / SL™ Header, Surface Mount, Breakaway, Vertical, 3 Circuits, Tin (Sn)
 Overall Plating, Tray Packaging, without Cap, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-89990-489 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [87898](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [C-Grid® Products](#)
 Product Name C-Grid®, SL™
 UPC 822350922647

Physical

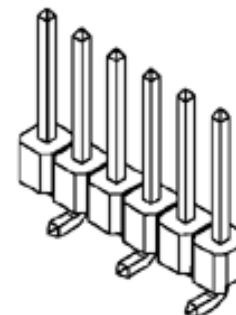
Breakaway Yes
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Black
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 162.458/mg
 Number of Rows 1
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 010



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

**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 Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[87898 Series](#)

Mates With

[4455 KK® PCB Receptacles](#), [70430 SL™](#)
[IDT Housings](#), [7720 KK® IDT Housings](#),
[70400 KK® IDT Housings](#), [90147](#) , [90148 C-](#)
[Grid® PCB Receptacles](#)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

REFLOW
003
260

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-89990-489
SD-87898-001-000

This document was generated on 07/28/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION