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Part Number: [87898-0456](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® / SL™ Header, Surface Mount, Breakaway, Vertical, 4 Circuits, Tin (Sn) Overall Plating, Embossed Tape on Reel Packaging, with Cap, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	87898
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®, SL™

Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
First Mate / Last Break	No
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
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

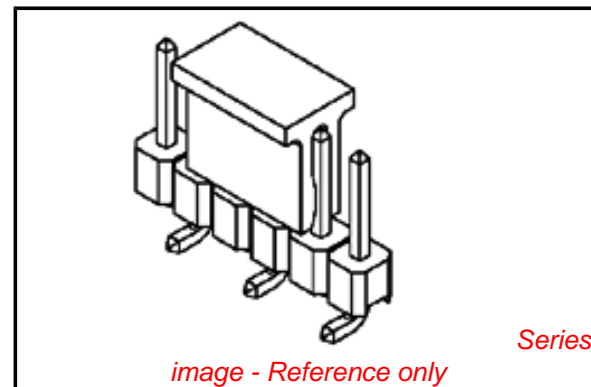


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[87898Series](#)

Mates With

[4455 KK® PCB Receptacles,](#)

Reference - Drawing Numbers

Sales Drawing

SD-87898-001

This document was generated on 05/01/2012

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