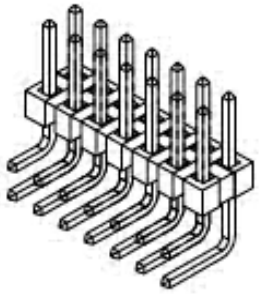
Part Number : 879111611
Product Description : 2.54mm Pitch C-Grid Header, Right-Angle, Through Hole, 16 Circuits, 0.38µm Gold (Au) Selective Plating, Tube Packaging, Lead-Free
Series Number : 87911
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

879111611_sd.pdf

PK-89990-519-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

PS-87920-019-001.pdf

879200000-TS-000.pdf

879200001-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

Downloaded from Arrow.com.

EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	87911
Description	2.54mm Pitch C-Grid Header, Right-Angle, Through Hole, 16 Circuits, 0.38µm Gold (Au) Selective Plating, Tube Packaging, Lead-Free
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	822348836000

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.0A

Downloaded from Arrow.com.

Voltage - Maximum	250V

Physical

Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.252/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.18mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Downloaded from Arrow.com.

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle, Dual Row, Surface Mount PCB Receptacles	71979
2.54mm Pitch C-Grid Shunt Terminal Housings	7859
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	71850
SL Dual Row Crimp Housings	70450

Downloaded from Arrow.com.