molex®
one company > a world of innovation

Part Number: 0702462001

Status: Active

Overview: C-Grid® Products

Description: 2.54mm Pitch C-Grid® Header, Low Profile, Dual Row, Vertical, Shrouded, 20 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

3D Model	Packaging Specification PK-87835-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	70246
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®
UPC	822348487417

Physical
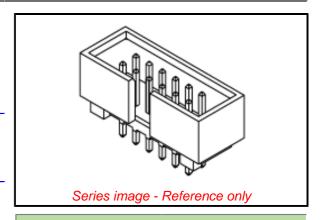|	
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2.547/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Center Slot
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +120°C
Termination Interface: Style	Through Hole

Electrical
Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June 2016)
Halogen-Free Status
Not 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
70246 Series

Mates With
70450 SL™ Crimp Housing, 70058 SL™ Crimp Terminal

Solder Process Data
Duration at Max. Process Temperature (seconds)   010
Lead-freeProcess Capability   WAVE
Max. Cycles at Max. Process Temperature   001
Process Temperature max. C   235

Material Info

Reference - Drawing Numbers
Packaging Specification   PK-87835-001
Sales Drawing   SDA-70246-**20-25_39

This document was generated on 12/27/2016
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION