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Part Number: [0015453540](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 40 Circuits

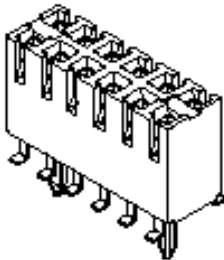
Documents:
[3D Model](#) [Product Specification PS-71395-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-0662-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Receptacles
Series [71395](#)
Application Board-to-Board, Signal
Overview [C-Grid Connector Products](#)
Product Name C-Grid
UPC 800754240581

Physical
Circuits (Loaded) 40
Circuits (maximum) 40
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 4.346/g
Number of Rows 2
Orientation Vertical
PC Tail Length 1.47mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Plating min - Mating 0.381µm
Plating min - Termination 1.905µm
Polarized to PCB No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 2.5A
Grounding to PCB No
Voltage - Maximum 250V



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[71395 Series](#)

Mates With
C-Grid Vertical Header [70246](#) , [70227](#) ,
[70567](#)
 C-Grid Right Angle Header
[70247](#) , [74162](#)
 C-Grid Breakaway
Header [70287](#) , [70280](#) , [70524](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	A713950140
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Reference - Drawing Numbers

Packaging Specification	PK-70873-0662-001
Product Specification	PS-71395-001
Sales Drawing	SDA-71395-0XXX-001

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