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**Part Number:** [0879147626](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 2.50µm Tin (Sn) Selective Plating, 76 Circuits, Bag Packaging, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-89990-489-001 \(PDF\)](#)  
[Product Specification PS-87920-019-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 713080001-AS-000 \(PDF\)](#)

**General**

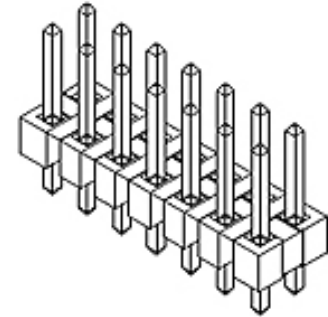
Product Family	PCB Headers
Series	87914
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800756749051

**Physical**

Breakaway	Yes
Circuits (Loaded)	76
Circuits (maximum)	76
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	7.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	4.615/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.96mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
perfluorooctanoic acid  
decamethylcyclotrasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
diisopentylphthalate  
1,2-diethoxyethane  
dibutyltin dichloride  
1,3-propanesultone  
ammoniumpentadecafluorooctanoate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
n-pentyl-  
isopentylphthalate  
Boric acid  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi

**China RoHS**

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	713080001-AS-000
Packaging Specification	PK-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87914-013-000

Perfluorobutane sulfonic acid (PFBS) and its salt  
 Pyrene  
 Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]penta-2,3,3,4,4,5,5,6,6,7-octa-2,3,3,4,4,5,5,6,6,7-dimethylhexahydrophthalic anhydride  
 reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctylperfluorohexane-1-sulphonic acid and its salts  
 di-n-pentyl phthalate (DPP)  
 Lead sulfochromate yellow  
 strontium chromate bis(2-methoxyethyl) ether  
 pentazinc chromate octahydroxide  
 1,2-dimethoxyethane  
 1,2-bis(2-methoxyethoxy)ethane  
 bis(pentabromophenyl) ether  
 cadmium oxide (non-pyrophoric)  
 cadmium sulphide  
 orange lead  
 lead  
 cadmium  
 lead dinitrate  
 lead oxide sulfate  
 pentalead tetraoxide sulphate  
 dioxobis(stearato)trilead  
 Lead titanium  
 zirconium oxide  
 lead cyanamidate  
 Sulfurous acid, lead salt, dibasic  
 [phthalato(2-)]dioxotrilead  
 benzo[a]pyrene  
 4-aminoazobenzene  
 dihexyl phthalate (DnHP)  
 ethylene thiourea

**Halogen-Free****Status****Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**  
 87914 Series

**Mates With**

7859 Shunts, 71850 C-Grid PCB  
Receptacles, 70450 SL IDT Housing

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