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Part Number: [0787881021](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: [Milli-Grid™ Receptacle, Surface Mount, Vertical, Top Entry, without Plastic Pegs, with Cap, Tape and Reel, 2.50µm Tin \(Sn\), 10 Circuits, Lead-Free](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-78788-001-001 \(PDF\)](#)
[Product Specification PS-78788-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [78788](#)
 Application Board-to-Board, Signal
 Overview [Milli-Grid™ Connector System](#)
 Product Name Milli-Grid™
 UPC 889056045513

Physical

Circuits (Loaded) 10
 Circuits (maximum) 10
 Color - Resin Black
 Durability (mating cycles max) 30
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.282/g
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 2.00mm
 Plating min - Mating 2.500µm
 Polarized to Mating Part No
 Polarized to PCB No
 Robotic Placement Pick and Place Cap
 Temperature Range - Operating 0°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.0A
 Voltage - Maximum 125V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 010
 Lead-free Process Capability REFLOW
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 260

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Low-Halogen

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 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78788](#) Series

Mates With

Milli-Grid™ Header [87758](#) , [87759](#) , [87760](#)
 , [87831](#) , [87832](#) , [87833](#)
 Milli-Grid™
 Low-Halogen Header [151117](#) , [151118](#) ,
[151119](#) , [151120](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-78788-001-001

PS-78788-001-001

SD-78788-002

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