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Part Number: [87368-4424](#)
Status: **Active**
Overview: Milli-Grid™
Description: 2.00mm Pitch Milli-Grid™ Receptacle, Surface Mount, Side Entry, 0.38µm Gold (Au) Plating, 44 Circuits, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [87368](#)
 Application Board-to-Board, Signal
 Overview Milli-Grid™
 Product Literature Order No 987650-1991
 Product Name Milli-Grid™

Physical

Circuits (Loaded) 44
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 2
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Tube
 Pitch - Mating Interface 2.00mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Polarized to PCB Yes
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount

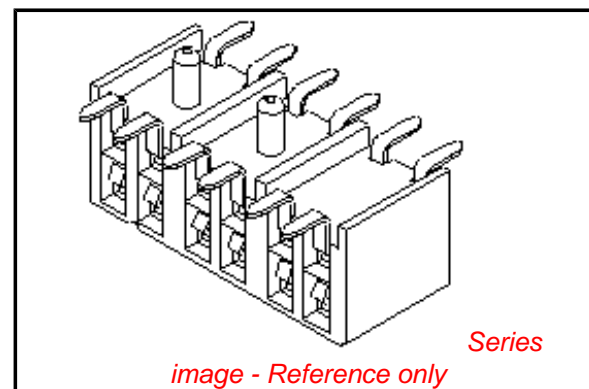
Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 14
 Lead-free Process Capability Reflow Capable (SMT only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 265

Material Info



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: Yes

China RoHS



Acrylamide
 Hydrazine
 Tris(2-chloroethyl)phosphate (TCEP)
 Anthracene
 4,4'-Diaminodiphenylmethane
 Dibutyl phthalate
 Cobalt dichloride
 Diarsenic pentaoxide
 Diarsenic trioxide
 Sodium dichromate
 5-tert-butyl-2,4,6-trinitro-m-xylene
 Bis (2-ethyl(hexyl)phthalate) (DEHP)
 Hexabromocyclododecane (HBCDD)
 Alkanes, C10-13, chloro (Shrt Chn Cl Prfns)
 Bis(tributyltin)oxide
 Lead hydrogen arsenate
 Triethyl arsenate
 Benzyl butyl phthalate
 N,N-dimethylacetamide (DMAC)
 2-Pyrrolidinone, 1-methyl
 2,4-Dinitrotoluene
 Anthracene oil
 Anthracene oil, anthracene paste, distillation I

Reference - Drawing Numbers

Product Specification

Sales Drawing

RPS-87264-001

SD-87368-**20

Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene-low
Anthracene oil,
anthracene paste
Diisobutyl phthalate
(DIBP)
Aluminosilicate,
Refractory ceramic
fibers
Zironia
Aluminosilicate,
Refractory ceramic
fibe
Lead chromate
Lead chromate
molybdate sulfate red
(C.I. Pigmen
Lead sulfochromate
yellow (C.I. Pigment
Yellow 3
Coal tar pitch, high
temperature
Trichloroethylene
Boric acid
Disodium tetraborate,
anhydrous
Tetraboron disodium
heptaoxide, hydrate
Sodium chromate
Potassium chromate
Ammonium
dichromate
Potassium dichromate
2-Methoxyethanol
Chromium trioxide
(CrO3)
Cobalt(II) diacetate
Cobalt(II) carbonate
Cobalt(II) dinitrate
Cobalt(II) sulphate
2-Ethoxyethanol
Chromic acid,
Oligomers of chromic
acid and dich
1,2,3-trichloropropane
1,2-
benzenedicarboxylic
acid, di-C6-8-
branched a
1,2-
benzenedicarboxylic
acid, di-C7-11
branched
2-ethoxyethyl acetate
Strontium chromate
Lead dipicrate
Lead styphnate
Lead diazide
Phenolphthalein
2,2'-dichloro-4,4'-
methylenedianiline
(MOCA)

Trilead diarsenate
Calcium arsenate
Arsenic acid
Bis(2-methoxyethyl)
ether
1,2-Dichloroethane
4-(1,1,3,3-
tetramethylbutyl)phenol,
(4-tert-Octy
2-Methoxyaniline o-
Anisidine
Bis(2-methoxyethyl)
phthalate
Formaldehyde,
oligomeric reaction
products with
Pentazinc chromate
octahydroxide
Potassium
hydroxyoctaoxidizincatedichromate
Dichromium
tris(chromate)

Low-Halogen Status

Not Reviewed

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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

87368Series

Mates With

87758 Vertical Through Hole PCB Headers,
87759 Vertical Surface Mount PCB Headers,
87760 Right Angle Through Hole PCB
Headers

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