

Part Number : 503948400
Product Description : 2.00mm Pitch, Milli-Grid Female Crimp Terminal, Gold Flash Plating, Bag, Lead free
Series Number : 50394
Status : Active
Product Category : Crimp Terminals
Engineering Number : NT501-6677
Packaging Alternative : 503948054 (Reel)

Documents & Resources

Drawings

503948400_sd.pdf

503940001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-51110-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50394
Description	2.00mm Pitch, Milli-Grid Female Crimp Terminal, Gold Flash Plating, Bag, Lead free
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Milli-Grid
UPC	822350912617

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V AC (RMS)/DC

Physical

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel

Net Weight	0.023/g
Packaging Type	Bag
Plating min - Mating	0.051µm
Plating min - Termination	2.000µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size (AWG)	24, 26, 28, 30
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Milli-Grid Single Row Receptacle Housings	151100
Milli-Grid Dual Row Receptacle Housings	151192
Milli-Grid Dual Row Receptacle Housings	51110

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Milli-Grid and MicroBlade Crimp Terminals, 30-24 AWG	2133091200
Extraction Tool for SPOX, MX64, Ditto, MX150CE, Milli-Grid Terminals	638131400