molex



Part Number : 5030953201
Product Description : 2.00mm Pitch, iGrid Female Crimp Terminal, 0.38µm Gold (Au) Plating, 24-22 AWG, Reel
Series Number : 503095
Status : Obsolete
Product Category : Crimp Terminals

Obsolete

Documents & Resources

Drawings

5030953201_sd.pdf

Specifications

5016460000-PS-000.pdf

5016461000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
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(2024)7663-DC (21 Jan 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	Obsolete
Category	Crimp Terminals
Series	503095
Description	2.00mm Pitch, iGrid Female Crimp Terminal, 0.38µm Gold (Au) Plating, 24-22 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	iGrid
UPC	193264112258

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	48.870/mg
Packaging Type	Reel
Plating min - Mating	0.380µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.85-1.50mm
Wire Size (AWG)	22, 24

Obsolete

Wire Size mm^2	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	501646

Application Tooling

Global

Description	Part Number
FineAdjust Applicator for 2.00mm Pitch iGrid Female Crimp Terminal, 24-22 AWG	2037028000
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
PremiumGrade Hand Crimp Tool for iGrid Female Terminals, 26-22 AWG and 0.30-0.20mm^2 Wire	638192300

Obsolete