



Part Number : [5016471000](#)
Product Description : 2.00mm Pitch, iGrid Female
Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Reel
Series Number : 501647
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [5016471100](#) (Bag)



Documents & Resources

Drawings

[5016471000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5016460000-A00.pdf](#)

[5016460000-A01.pdf](#)

[5016479200-200.pdf](#)

[5016461001-PS-001.pdf](#)


[PS-501646-001-001.pdf](#)

Tooling Specifications

[5016470000-CS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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	501647
Description	2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	iGrid
UPC	822350087308

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	Tin
Material - Plating Termination	Tin
Net Weight	48.090/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.95-1.50mm
Wire Size (AWG)	22, 24, 26
Wire Size mm ²	0.124-0.34

Mates With / Use With

Use with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	<u>501646</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>638131500</u>
PremiumGrade Hand Crimp Tool for iGrid Female Terminals, 26-22 AWG and 0.30-0.20mm ² Wire	<u>638192300</u>
T2 Terminator Tooling Die	<u>638587000</u>
FineAdjust Applicator for iGrid Receptacle Terminals, 26-22 AWG with Insulation Diameter 0.95-1.50mm UL1007 wire	<u>638687000</u>

Japan

Description	Part Number

S-1 Applicator for iGrid Terminals, 26-22 AWG, 0.20-0.30 KV	<u>5780213700</u>
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