

Part Number : [506418041](#)

Product Description : PanelMate Crimp Receptacle Terminal, 30-28 AWG, Reel Gold (Au)

Series Number : 50641

Status : Not Recommended For New Design

Product Category : Crimp Terminals

Documents and Resources

Specifications

[SPK-50641-001-001.pdf](#)

[PS-51146-010-001.pdf](#)


[PS-51146-013-001.pdf](#)

Tooling Specifications

[CS-50641-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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)6375-DC (05 Nov 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 | Not Recommended For New Design |
| Category | Crimp Terminals |
| Series | 50641 |
| Description | PanelMate Crimp Receptacle Terminal, 30-28 AWG, Reel Gold (Au) |
| Application | Signal |
| Product Name | PanelMate |
| UPC | 800753746749 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 20.020/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.203µm |
| Plating min - Termination | 0.203µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 0.50-0.90mm |
| Wire Size (AWG) | 28, 30 |
| Wire Size mm ² | N/A |

Application Tooling

Global

| Description | Part Number |
|---|-------------------|
| FA2 Mechanical Feed Crimp Applicator for PanelMate Crimp Terminals, 30-26 AWG, UL1571 Wire. | <u>2130695600</u> |
| PremiumGrade Hand Crimp Tool for PanelMate Terminals, 32-28 AWG | <u>638117900</u> |
| Extractor Tool for 1.25mm Pitch Wire-to-Board Crimp Terminal | <u>638133400</u> |

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