molex

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 & 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)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	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 mm²	N/A

Application Tooling

Global

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

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