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Part Number: [50641-8041](#)
Status: **Active**
Overview: [PanelMate™ Wire-to-Board Connector System](#)
Description: [PanelMate™ Crimp Receptacle Terminal, 28-30 AWG, Reel Gold \(Au\)](#)

Documents:

3D Model	Product Specification PS-51146-009 (PDF)
Drawing (PDF)	Product Specification PS-51146-010 (PDF)
Product Specification PS-51146-001 (PDF)	Product Specification PS-51146-011 (PDF)
Product Specification PS-51146-006 (PDF)	Product Specification PS-51146-012 (PDF)
Product Specification PS-51146-007 (PDF)	Packaging Specification SPK-50641-001 (PDF)
Product Specification PS-51146-008 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50641
Application	Signal
Crimp Quality Equipment	Yes
Overview	PanelMate™ Wire-to-Board Connector System
Packaging Alternative	50641-8141 (Loose)
Product Name	PanelMate™
UPC	800753746749

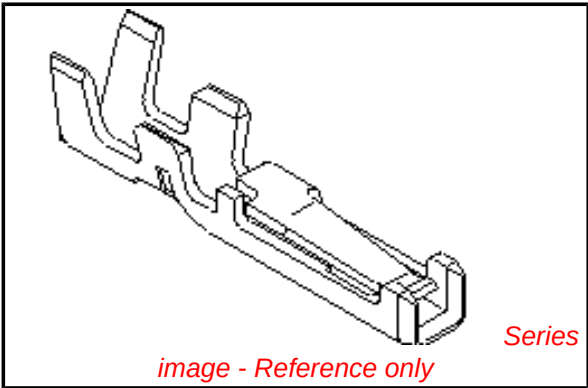
Physical

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

Material Info

Reference - Drawing Numbers

Crimp Specification	CS-50641
Packaging Specification	SPK-50641-001
Product Specification	PS-51146-001, PS-51146-006, PS-51146-007, PS-51146-008, PS-51146-009, PS-51146-010, PS-51146-011, PS-51146-012, RPS-51146-002, RPS-51146-003, RPS-51146-004, RPS-51146-007, RPS-51146-008, RPS-51146-009, RPS-51146-010, RPS-51146-011, RPS-51146-012, RPS-51146-013, RPS-51146-015, RPS-51146-016, RPS-51146-017, RPS-51146-019, RPS-51146-021, RPS-51146-022, RPS-51146-023, RPS-51146-024, RPS-51146-025, RPS-51146-026, RPS-51146-027, RPS-51146-028, RPS-51146-029, RPS-51146-030, RPS-51146-031, RPS-51146-034, RPS-51146-035
Sales Drawing	SD-50641-001



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[50641Series](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool, UL	0638117900
Approved	
Fine Adjust	0639027900
Applicator	
PanelMate™ Crimp	
Terminals	
Extractor Tool for	0638133400
1.25mm Pitch Wire-	
to-Board Crimp	
Terminal	

Japan

Description	Product #
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Applicator for M211A 0573523000
Bench Press, 28-30
AWG Wire
Side-Feed Applicator 0573523200
For Full-Auto
Machine

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Authorized Distributor

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Molex:

[50641-8041](#) [50641-8041 \(Cut Strip\)](#) [50641-8041 \(Mouser Reel\)](#)