

Part Number : [40021601](#)

Product Description : Flat Blade Crimp Terminal, Series 41422, Female, With Tin (Sn) Plated Brass Contact, 12-10 AWG, Reel Packaged

Series Number : 41422

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 41422-3A2N5A1

Documents and Resources

Drawings

[040021601_sd.pdf](#)


[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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(2025)7771-DC (04 Feb 2026)
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	41422
Description	Flat Blade Crimp Terminal, Series 41422, Female, With Tin (Sn) Plated Brass Contact, 12-10 AWG, Reel Packaged
Application	Power, Wire-to-Wire
Product Name	Flat Blade
UPC	800753835887

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.939/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.79mm max.
Wire Size (AWG)	10, 12
Wire Size mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
Mini-Mac Applicator, 13-10 AWG Wire	<u>638821000</u>
Mini-Mac Applicator, Double 18+14 AWG Side-by-Side	<u>638821200</u>

This document was generated on Apr 12, 2026