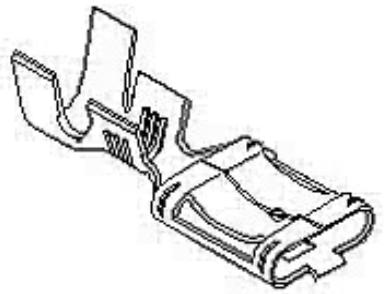
Part Number : 05060301
Product Description : Flat Blade Crimp Terminal, Series 2176, Female, With Tin (Sn) Plated Brass Contact, With Detent, Single 22-14 AWG or Double 18+18 AWG, Reel
Series Number : 2176
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 2176-T



Documents and Resources

Drawings

005060301_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PSX-05-06-1-001.pdf

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

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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	2176
Description	Flat Blade Crimp Terminal, Series 2176, Female, With Tin (Sn) Plated Brass Contact, With Detent, Single 22-14 AWG or Double 18+18 AWG, Reel
Application	Power, Wire-to-Wire
Comments	(2) 18 AWG
Product Name	Flat Blade
UPC	800753614598

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1.223/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Wire Insulation Diameter	.79mm max.
Wire Size (AWG)	14, 16, 18, 20, 22, 18+18

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Wire Size mm^2	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	4.75mm Male Tab

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Flat Blade Female Crimp Terminals, 20-14 AWG	11010101
Terminator Die	11402015
Mini-Mac Applicator	638822000

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