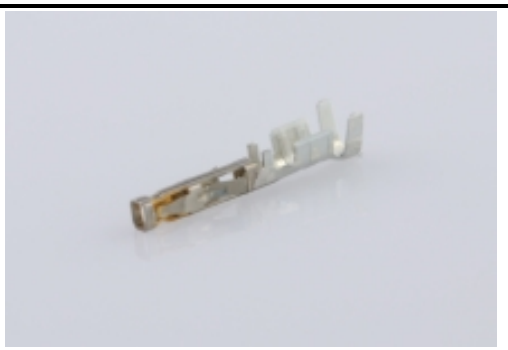
This document was generated on 02/08/2023

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Part Number: 0462350001
Status: Active
Overview: Micro-Fit Connector System
Description: Micro-Fit RMF Reduced Mating Force, Crimp Terminal, Female, with 0.38µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, without Lubricant



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-46235-001-001 (PDF)
Packaging Specification PK-46235-001-001 (PDF)
Test Summary 430450006-TS-000 (PDF)
Test Summary TS-46235-001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	46235
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Up to 50% reduction in mating force
Crimp Quality Equipment	Yes
Overview	Micro-Fit Connector System
Product Name	Micro-Fit RMF
Taxonomy	Crimp Terminals
UPC	800756683485

Physical

Durability (mating cycles max)	40
Gender	Female
Material - Metal	Copper-Zinc-Tin
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.046/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm max.
Wire Size AWG	20, 22, 24
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	5.0A

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46235-001-001
Product Specification	PS-46235-001-001
Sales Drawing	SD-46235-001-001
Test Summary	430450006-TS-000, TS-46235-001-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
46235 Series

Use With
Micro-Fit 3.0 Receptacle Housings 43025 , 43645 . Micro-Fit BMI Panel Mount Receptacle Housings 44133 . Micro-Fit TPA Receptacle Housing 172952

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 #
Extraction Tool for Micro-Fit Terminals	11030043
PremiumGrade Hand Crimp Tool for Low Force Micro-Fit 3.0 Terminals, 20-30 AWG	638192900

	FineAdjust Applicator for Low-Force Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 1.30-1.85mm	639046500
	T2 Terminator Tooling to be used with Low Force Crimp Terminals, 20-24 AWG Wire	639101400