![molex® one company › a world of innovation]

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	**0430300009**

Status:	**Active**

Overview:	Micro-Fit Connector System
Description:	Micro-Fit 3.0 Crimp Terminal, Female, with Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Bag

Documents:

Drawing (PDF)	Test Summary 430450006-TS-000 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification PS-43045-001 (PDF)	Datasheet (PDF)
Packaging Specification PK-43030-003-001 (PDF)	RoHS Certificate of Compliance (PDF)
Test Summary 430450005-TS-000 (PDF)	

Series image - Reference only

EU ELV
Not Relevant

EU RoHS	**China RoHS**
Compliant
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	Not Relevant
RoHS Phthalates	Not Contained

General

Product Family	Crimp Terminals
Series	43030
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Micro-Fit Connector System
Packaging Alternative	430300003 (Reel)
Product Name	Micro-Fit 3.0
Taxonomy	Crimp Terminals
UPC	800754369305

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.062/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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	8.5A

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43030-003-001
Product Specification	430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001
Sales Drawing	SD-43030-XXXX-001
Test Summary	430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001

Search Parts in this Series
43030 Series

Use With
Micro-Fit 3.0 Receptacle Housings 43025 , 43645
Micro-Fit BMI Panel Mount Receptacle Housings 44133 , 46623
Micro-Fit TPA Receptacle Housing 171850 , 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
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp	638120800

| Terminals, 20-30 AWG | |
| PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG | 638190000 |