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Part Number: [0457730003](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Crimp Terminal, Female, with Lubricant, with Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-43045-001 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Product Specification PS-43650-001 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	Packaging Specification PK-45773-001-001 (PDF)
Product Specification 436500001-PS-JA-000 (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 436500001-PS-KO-000 (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification 436500001-PS-SP-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	45773
Application	Power
Crimp Quality Equipment	Yes
Overview	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	822348293964

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.067/g
Packaging Type	Reel
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 mm ²	N/A

Electrical

Current - Maximum per Contact	8.5A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45773-001-001
Product Specification	430450001-PS-KO-000, 430450001-PS-SP-000, 436500001-PS-JA-000, 436500001-PS-KO-000, 436500001-PS-SP-000, PS-43045-001, PS-43650-001
Sales Drawing	SD-45773-001
Test Summary	TS-43045-001-001, TS-43045-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45773 Series](#)

Mates With

[43031 Micro-Fit 3.0 Male Crimp Terminals](#)

Use With

[43025](#) , [43645 Micro-Fit 3.0 Receptacle Housings](#), [44133 Micro-Fit BMI Panel Mount Receptacle Housings](#)

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 Hand638190000
Crimp Tool for Micro-
Fit 3.0 Terminals,
20-30 AWG
FineAdjust Applicator639004500
for Insulation OD
1.30-1.85mm, 20-24
AWG Wire
FineAdjust Applicator639018800
for Insulation OD
1.10-1.30mm - 20-24
AWG
FineAdjust Applicator639018900
for Micro-Fit 3.0
Terminals, for 20-24
AWG Wire with
Insulation Diameter
0.91-1.09mm
T2 Terminator 639104500
for Insulation OD
1.30-1.85mm, 20-24
AWG
T2 Terminator 639118800
for insulation OD
1.10-1.30mm - 20-24
AWG
T2 Terminator 639118900
for insulation OD
0.91-1.09mm - 20-24
AWG

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