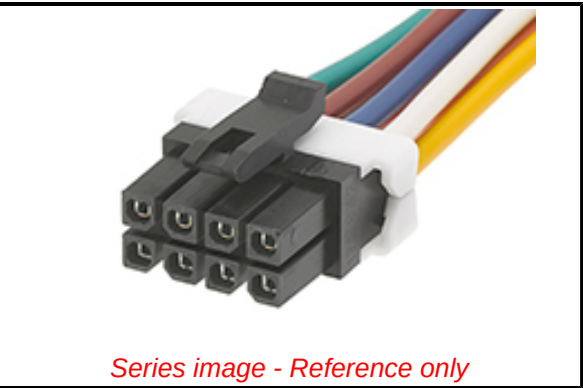


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0451320810](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m Length, 8 Circuits, Black



Documents:
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Cable Assemblies
Series [45132](#)
Application Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration Dual Ended Connectors
Connector to Connector Micro-Fit TPA Both Ends
Overmolded No
Overview [Micro-Fit Connector System](#)
Product Literature Order No 987651-6143
Product Name Micro-Fit TPA
Type Discrete Wire Assembly
UPC 889056743792

Physical
Cable Length 1.0m
Circuits (Loaded) 8
Color - Resin Black
Gender Female-Female
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 63.063/g
Number of Rows 2
Packaging Type Bag
Pitch - Mating Interface 3.00mm
Plating min - Mating 1.016µm
Plating min - Termination 1.016µm
Single Ended No
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 1.76mm
Wire Size AWG 20
Wire/Cable Type UL 1007

Electrical
Current - Maximum per Contact 5.0A
Voltage - Maximum 300V

Material Info

Reference - Drawing Numbers
Sales Drawing 2012341033-000

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
---	--

Search Parts in this Series
[45132](#) Series

Mates With
Micro-Fit 3.0 Headers [43045](#)
Micro-Fit
3.0 Plug Housings [43020](#)