molex

Part Number : 2077760003

Product Description : Squba 3.6 Plug Terminal, Matte Tin Plating, UL1015/UL1230 Compatible, 20-18 AWG, Reel

Series Number : 207776

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing_2077760003_sd.pdf
Packaging Design Drawing_2077760000-PK-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	⊖
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	207776
Description	Squba 3.6 Plug Terminal, Matte Tin Plating, UL1015/UL1230 Compatible, 20-18 AWG, Reel
Application	Power, Signal, Wire-to-Wire
Product Family	Squba Sealed Wire-to-Wire Connectors
Product Name	Squba
UPC	196823003929

Electrical

Current - Maximum per Contact	11.5A
Voltage - Maximum	600V

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.162/g
Packaging Type	Reel
Plating min - Mating	2.540μm
Plating min - Termination	2.540μm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.55mm-2.70mm
Wire Size (AWG)	18, 20
Wire Size mm²	N/A

Use with Part(s)

Description	Part Number
Squba 3.6 Sealed Single Row Plug Assemblies	207778

Application Tooling

Global

Description	Part Number
Extraction Tool for Squba 3.6 Plug and Receptacle Crimp Terminals, 20-18 AWG Wire	2002223000
FA2 Pneumatic Feed Crimp Applicator for Squba 3.6 Plug Terminals, 20-18 AWG Wire	2130694910
FA2 Mechanical Feed Crimp Applicator for Squba 3.6 Plug Terminals, 20-18 AWG Wire	2130694900
Hand Crimp Tool for Squba 3.6 Male and Female Terminals, 18-20 AWG, UL 1230 Wire	2133098000

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