

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1720430401](#)
Status: **Active**
Overview: Super Sabre™ Connector System
Description: Super Sabre™ Right Angle Header, 4 Circuit, Short Solder Tail without Board Lock, Complies with the UL1977 finger proof standards

Documents:

| | |
|---|---|
| 3D Model | Product Specification TS-171825-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-43789-001 (PDF) |
| Product Specification PS-171825-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 172043 |
| Application | Power, Signal, Wire-to-Board |
| Comments | Operating Temperature Per USCAR-2; Class 3 |
| Overview | Super Sabre™ Connector System |
| Product Name | Super Sabre™ |
| UPC | 887191565781 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Matte Tin, Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 5.756/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length | 3.81mm |
| PCB Retention | None |
| Packaging Type | Tray |
| Pitch - Mating Interface | 7.50mm |
| Plating min - Mating | 0.025µm |
| Plating min - Termination | 0.025µm |
| Polarized to Mating Part | Yes |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 30.0A per blade |
| Voltage - Maximum | 600V AC (RMS) |

Solder Process Data

| | |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 030 |
|--|-----|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[172043](#) Series

Mates With

[172672](#) Crimp Housing

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

SMC&WAVE
003
260

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-43789-001
PS-171825-001-001, TS-171825-001-001
SD-172043-001

This document was generated on 02/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[172043-0401](#)