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Part Number: [0431602105](#)
Status: **Active**
Description: 7.50mm (.295") Pitch Sabre™ Header, Single Row, Vertical, 5 Circuits, PC Tail Length 3.81mm (.150"), with Snap-In Metal Pins, Tin (Sn) Plating, Glow Wire Compatible

Documents:

[Packaging Specification \(PDF\)](#)
[3D Model](#)
[Product Literature \(PDF\)](#)

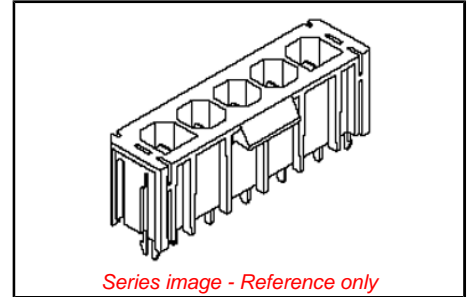
[Drawing \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	43160
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number 431602105 . Fully Polarized
Product Name	Sabre™

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.150 In
PC Tail Length (mm)	3.81 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.295 In
Pitch - Mating Interface (mm)	7.50 mm
Plating min: Mating (µin)	80
Plating min: Mating (µm)	2
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +75°C
Termination Interface: Style	Through Hole



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status

China RoHS



Not Halogen-Free

Need more information on product environmental compliance?

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

Search Parts in this Series
[43160 Series](#)

Mates With
[44441-2005](#)

Electrical

CSA	LR19980
Current - Maximum	18A
UL	E29179
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Sales Drawing	SDA-43160-****
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