

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0431801002**  
**Status:** **Active**  
**Overview:** Flat Blade  
**Description:** 7.50mm Pitch, Flat Blade Plug Housing, Free Hanging, Single Row, 2 Circuits, Nylon PA66, UL94V-2, Natural

**Documents:**

[3D Model](#) [Packaging Specification PK-43180-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification TS-5556-002-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [43180](#)  
 Application Power, Wire-to-Wire  
 Comments Glow Wire Equivalent Part Number [43180-5002](#)  
 Overview [Flat Blade](#)  
 Product Name Flat Blade  
 UPC 800753846999

**Physical**

Breakaway No  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Plug  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 3.226/g  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface 7.50mm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -40°C to +75°C

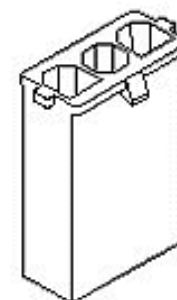
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-43180-001-001  
 Product Specification TS-5556-002-001  
 Sales Drawing SD-43180-\*002



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[43180](#) Series

**Mates With**

[43335](#) Flat Blade Appliance Receptacle  
 Housing, [43179](#) Sabre(TM) Receptacle  
 Housing

**Use With**

[43335](#) Flat Blade Appliance Receptacle  
 Housing, [43179](#) Sabre™ Receptacle  
 Housing