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**Part Number:** 0431805003  
**Status:** Active  
**Description:** 7.50mm Pitch, Flat Blade Plug Housing, Free Hanging, Single Row, 3 Circuits, Nylon PA6, UL94V-0, Black, Glow-Wire Capable

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PSX-43335-9999-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-43180-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

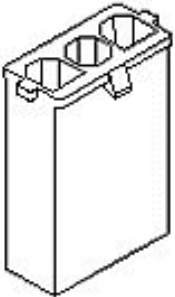
**General**

Product Family	Crimp Housings
Series	43180
Application	Power, Wire-to-Wire
Comments	This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.<P><P>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).<P>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

Product Name	Flat Blade
UPC	800756728087

**Physical**

Breakaway	No
Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.655/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	7.49mm
Pitch - Termination Interface	7.49mm
Polarized to Mating Part	Yes
Ports	1



Series image - Reference only

**EU ELV**

Not Relevant

**EU RoHS**

Compliant

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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

Stackable	No
Temperature Range - Operating	-40° to +75°C
<b>Solder Process Data</b>	
Lead-freeProcess Capability	N/A
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-43180-001-001
Product Specification	PSX-43335-9999-001
Sales Drawing	SD-43180-X003-001

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