Part Number: 0431805002

Status: **Active**

Description: 7.50mm Pitch, Flat Blade Plug Housing, Free Hanging, Single Row, 2 Circuits, Nylon PA6, UL94V-0, Black, Glow-Wire Capable

Series image - Reference only

Documents:

3D Model
Drawing (PDF)
3D Model (PDF)

Packaging Specification PK-43180-001-001 (PDF)
Test Summary TS-5556-002-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

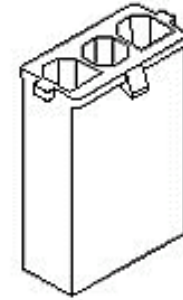|	
UL	E29179

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	800756824802

Physical

Breakaway	No
Circuits (maximum)	2
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	3.401/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
Stackable	No

EU ELV
Not Relevant

EU RoHS   **China 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	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

Temperature Range - Operating	-40° to +75°C

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43180-001-001
Sales Drawing	SD-43180-X002-001
Test Summary	TS-5556-002-001

This document was generated on 08/26/2021
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION