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**Part Number:** [26-48-1183](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 PCB Breakaway Header, , Vertical, Polarizing Wall, 18 Circuits, Tin \(Sn\) Plating](#)

**Documents:**

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

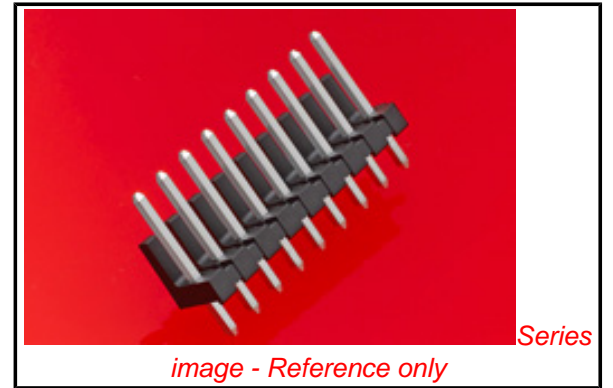
**General**

Product Family PCB Headers  
 Series [41681](#)  
 Application Power, Wire-to-Board  
 Application Tooling Part Link [11-20-0901](#)  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name [KK® 396](#)  
 UPC [800754901680](#)

**Physical**

Breakaway Yes  
 Circuits (Loaded) 18  
 Circuits (maximum) 18  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 7.469/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.37mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 3.96mm  
 Pitch - Termination Interface 3.96mm  
 Plating min - Mating 5.080µm  
 Plating min - Termination 5.080µm  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[41681Series](#)

**Mates With**

[2139](#) [KK® Crimp Housing](#), [41695](#) [KK® Crimp Housing](#), [6442](#) [KK® Crimp Housing](#), [2145](#) [PCB Connector](#), [41815](#) [PCB Connector](#), [3069](#) [KK® Crimp Housing](#)

Current - Maximum per Contact	7A
Voltage - Maximum	250V

**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	235

**Material Info**

Old Part Number	41681-A18A197
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**Reference - Drawing Numbers**

Product Specification	PS-08-50
Sales Drawing	SD-41681-001

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