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**Part Number:** [22-23-2031](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 254 Solid Header, Vertical, with Friction Lock, 3 Circuits, Tin \(Sn\) Plating](#)

<b>Documents:</b>	
<a href="#">3D Model</a>	<a href="#">Product Specification PS-10-07 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

<b>Agency Certification</b>	
CSA	LR19980
UL	E29179
<b>General</b>	
Product Family	PCB Headers
Series	<a href="#">6373</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK® 254
UPC	800753590137
<b>Physical</b>	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural (White)
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	0.340/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.56mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	4A
Voltage - Maximum	250V
<b>Solder Process Data</b>	



image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**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**  
[6373Series](#)

**Mates With**  
[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

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	A-6373-03A222
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**Reference - Drawing Numbers**

Product Specification	PS-10-07
Sales Drawing	SD-6373-001

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