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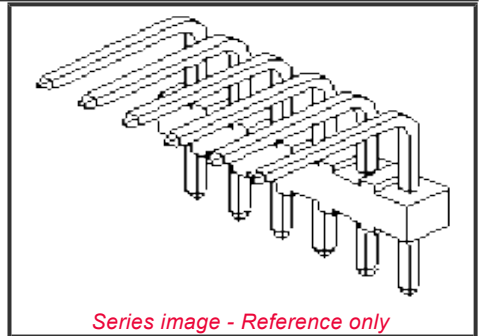
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Part Number:
0022052081

Status:
Active

Description:
2.54mm (.100") Pitch KK® Wire-to-Board Header, Single Row, Right Angle, 8 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
[Drawing \(PDF\)](#) [Product Specification PS-10-07 \(PDF\)](#)



3D
Model

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Not Reviewed

Halogen-Free
Status
Halogen-Free

China RoHS



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| | |
|----------------|-------------------------------|
| Product Family | PCB Headers |
| Series | 4094 |
| Application | Board-to-Board, Wire-to-Board |
| Product Name | KK® |

Physical

| | |
|--------------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Natural (White) |
| 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 | Nylon |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length (in) | 0.124 In |
| PC Tail Length (mm) | 3.15 mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness Recommended (in) | 0.062 In |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Bag |
| Pitch - Mating Interface (in) | 0.100 In |
| Pitch - Mating Interface (mm) | 2.54 mm |
| Plating min: Mating (μ in) | 200 |
| Plating min: Mating (μ m) | 5 |
| Plating min: Termination (μ in) | 200 |
| Plating min: Termination (μ m) | 5 |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Stackable | Yes |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | 0°C to +75°C |
| Termination Interface: Style | Through Hole |

Electrical(Please review the Product Specification for specific details.)

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 4A |
| Voltage - Maximum | 250V |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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 | A-4094-08A102 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|-----------------------|----------|
| Product Specification | PS-10-07 |
| Sales Drawing | SDA-4094 |