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Part Number: [0022286363](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 Breakaway Header, Right-Angle, 36 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Mating Pin Length 10.29mm (.405")

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-40873-0041-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-40873-0043-001 (PDF) |
| 3D Model (PDF) | Symbol Footprint Data SYM-22-28-6363-001 (PDF) |
| Product Specification PS-10-07-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

Application tooling part link

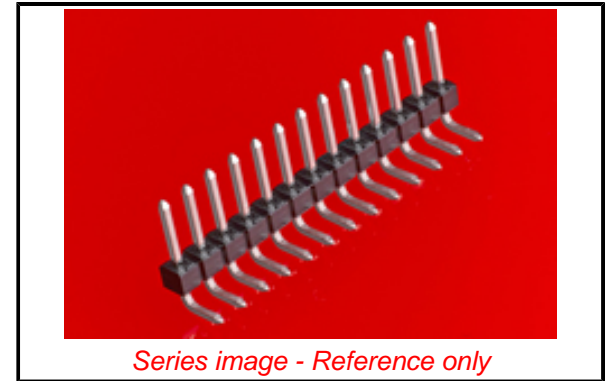
| | |
|-------------------------------|------------|
| Application Tooling Part Link | 11-20-1230 |
|-------------------------------|------------|

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 42376 |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | KK Interconnect Solutions |
| Product Name | KK 254 |
| UPC | 800753804937 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | Yes |
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 3.168/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length | 3.05mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | See Product Specification |
| Termination Interface: Style | Through Hole |



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

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42376](#) Series

Mates With

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK
PC Board Connector [4455](#)

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 500V |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

Material Info

| | |
|--------------------|------------|
| Engineering Number | 42376-0176 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------------|
| Packaging Specification | PK-40873-0041-001, PK-40873-0043-001 |
| Product Specification | PS-10-07-001 |
| Sales Drawing | SD-42376-001-001, SD-42376-001-002 |
| Symbol/Footprint Data | SYM-22-28-6363-001 |

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