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Part Number:

22-28-4155

Status:

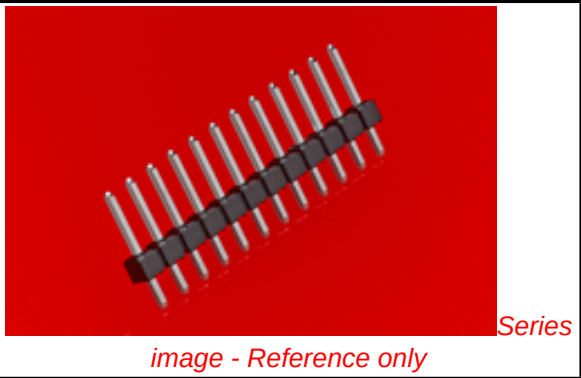
Active

Overview:

KK® Interconnection System

Description:

2.54mm Pitch KK® Header, Breakaway, Vertical, 15 Circuits, 0.38µm Gold (Au)  
Selective Plating, Mating Pin Length 7.49mm



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-10-07 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                      |                                       |
|----------------------|---------------------------------------|
| Agency Certification |                                       |
| CSA                  | LR19980                               |
| UL                   | E29179                                |
| General              |                                       |
| Product Family       | PCB Headers                           |
| Series               | 42375                                 |
| Application          | Board-to-Board, Signal, Wire-to-Board |
| Overview             | KK® Interconnection System            |
| Product Name         | KK®                                   |
| UPC                  | 800753832688                          |

|                                |                                |
|--------------------------------|--------------------------------|
| Physical                       |                                |
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 15                             |
| Circuits (maximum)             | 15                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 100                            |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | None                           |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.047/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| 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) | Yes                            |
| Temperature Range - Operating  | See Product Specification      |
| Termination Interface: Style   | Through Hole                   |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

42375Series

Mates With

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

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4A   |
| 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                     | 260                    |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 42375-0260 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-10-07     |
| Sales Drawing         | SD-42375-001 |

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