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Part Number:

22-28-2246

Status:

Active

Overview:

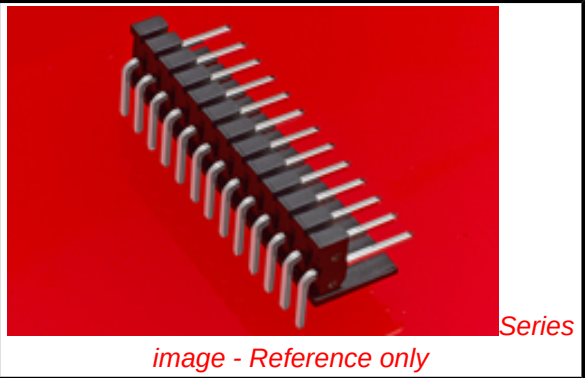
KK® Interconnection System

Description:

2.54mm Pitch KK® Header, Breakaway, Right Angle, with Plastic Polarizing Peg, 24 Circuits, 0.76µm Gold (Au) Selective Plating, with Kinked PC Tails

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <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> |

|                                |                            |
|--------------------------------|----------------------------|
| Agency Certification           |                            |
| CSA                            | LR19980                    |
| UL                             | E29179                     |
| General                        |                            |
| Product Family                 | PCB Headers                |
| Series                         | 42226                      |
| Application                    | Signal, Wire-to-Board      |
| Application Tooling Part Link  | 011201230                  |
| Overview                       | KK® Interconnection System |
| Product Name                   | KK®                        |
| UPC                            | 800753811386               |
| Physical                       |                            |
| Breakaway                      | Yes                        |
| Circuits (Loaded)              | 24                         |
| Circuits (maximum)             | 24                         |
| Color - Resin                  | Black                      |
| Durability (mating cycles max) | 100                        |
| Flammability                   | 94V-0                      |
| Glow-Wire Compliant            | No                         |
| Lock to Mating Part            | None                       |
| Material - Metal               | Brass                      |
| Material - Plating Mating      | Gold                       |
| Material - Plating Termination | Tin                        |
| Material - Resin               | Nylon                      |
| Net Weight                     | 4.103/g                    |
| Number of Rows                 | 1                          |
| Orientation                    | Right Angle                |
| PC Tail Length                 | 3.43mm                     |
| PCB Locator                    | No                         |
| PCB Retention                  | Yes                        |
| PCB Thickness - Recommended    | 1.60mm                     |
| Packaging Type                 | Bag                        |
| Pitch - Mating Interface       | 2.54mm                     |
| Plating min - Mating           | 0.762µm                    |
| Plating min - Termination      | 2.540µm                    |
| 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                     |                            |
| Current - Maximum per Contact  | 4A                         |



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

42226Series

Mates With

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

|                                                |                        |
|------------------------------------------------|------------------------|
| Voltage - Maximum                              | 250V                   |
| <b>Solder Process Data</b>                     |                        |
| 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 | 42226-0199 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-10-07                   |
| Sales Drawing         | SD-42226-001, SD-42226-002 |

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