# molex

Part Number: 26481122

Product Description: KK 396 Breakaway Header, Right-Angle, 12 Circuits, Tin (Sn)

Plating

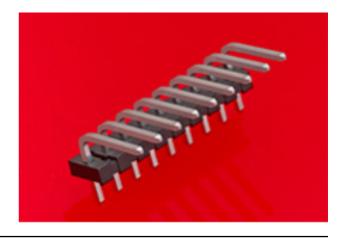
Series Number: 41662

Status: Active

**Product Category: PCB Headers and** 

Receptacles

Engineering Number: A-41662-B12A197



#### **Documents & Resources**

#### **Drawings**

<u>026481122\_sd.pdf</u> PK-41662-001-001.pdf

#### 3D Models and Design Files

026481122\_stp.zip SYM-26-48-1122-001.zip

## **Specifications**

PS-08-50-001.pdf

## **Product Environment Compliance**

## Compliance

GADSL/IMDS	Not Relevant
China RoHS	<b>©</b>
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2- 21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

#### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

## - Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

# **EU RoHS Certificate of Compliance**

## **Part Details**

## General

Status	Active
Category	PCB Headers and Receptacles
Series	41662
Description	KK 396 Breakaway Header, Right- Angle, 12 Circuits, Tin (Sn) Plating
Application	Board-to-Board, Power, Wire-to- Board
Component Type	PCB Header
Product Name	KK 396
UPC	800753586604

## Agency

CSA	LR19980
UL	E29179

## **Electrical**

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V

## **Physical**

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	4.382/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PC Tail Length	4.67mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

## **Solder Process Data**

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

# Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 3.96mm Single Row Crimp Housings	<u>2139</u>
KK 3.96mm Single Row Crimp Housings	<u>3069</u>
KK 3.96mm Crimp Housings	<u>41695</u>
KK 396 PC Board Connector	<u>41815</u>
KK 3.96mm Pitch Single Row Crimp Housings	<u>6442</u>

This document was generated on Apr 18, 2025