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# Home PCB Headers Datasheet

# Part Number: 0022053121

**Status: Active** 

Description: 2.54mm (.100") Pitch KK® Solid Header, Right Angle, with Friction

Lock, 12 Circuits, Tin (Sn) Plating

**Documents:** 

3D Model

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Drawing (PDF)

Product Specification PS-10-07

(PDF)

Packaging Specification (PDF)

Related Catalog Page (PDF)

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General Physical Electrical Material Info

#### General

Product Family PCB Headers Series 7478

Application Wire-to-Board

Product Name KK®

# **Physical**

Breakaway No Circuits (Loaded) 12 Circuits (maximum) 12

Color - Resin Natural (White)
Durability (mating cycles) min 25 cycles

Flammability 94V-0
Lock to Mating Part Yes
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) 0.141 In
PC Tail Length (mm) 3.58 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

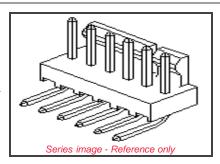
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 Plating min: Mating (um)
 5

 Plating min: Termination (uin)
 200

 Plating min: Termination (um)
 5

Polarized to Mating Part Yes
Polarized to PCB Yes



#### EU RoHS

ELV and RoHS Compliant



# Need more information on product compliance?

### Email productcompliance@molex.com

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability Wave Capable (TH only)

Max. Cycles at Max. Process Temperature

Process Temperature max. 235

С

## Search Parts in this Series

7478 Series

Mates With

<u>2695</u>, <u>6471</u>, <u>7880</u>, <u>4455</u>, <u>7720</u>

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Shrouded Partial Stackable Yes

 $\begin{array}{ll} \mbox{Temperature Range - Operating} & \mbox{0°C to +75°C} \\ \mbox{Termination Interface: Style} & \mbox{Through Hole} \end{array}$ 

Electrical

 CSA
 LR19980

 Current - Maximum
 4.000 Amp

 UL
 E29179

 Voltage - Maximum
 250V

**Material Info** 

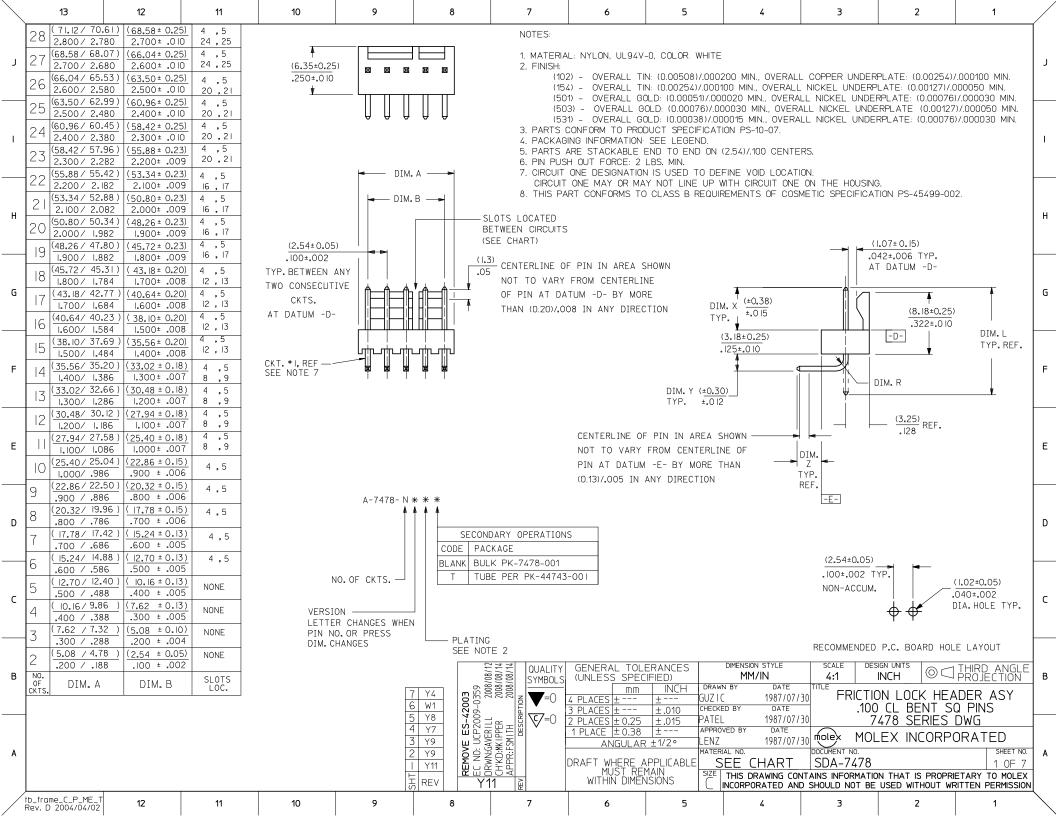
Old Part Number A-7478-12A102

**Reference - Drawing Numbers** 

Product Specification PS-10-07 Sales Drawing SDA-7478

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-7478-NA IO2T	2766-41(102)	.736	(6.60)	(3.58)	.120	90°	.046									
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