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Part Number:

0015922068

Status:

Active

Overview:

EBBI™ 50D

Description:

1.27mm (.050") Pitch EBBI™ 50D Plug, Vertical, without Latch, 68 Circuits, 3.40mm (.134") PC Tail Length

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General

Product Family

PCB Headers

Series

71661

Application

Board-to-Board, Wire-to-Board

Overview

EBBI™ 50D

Product Name

EBBI™

Physical

Breakaway

No

Circuits (Loaded)

68

Circuits (maximum)

68

Color - Resin

Black

Durability (mating cycles max)

2,000

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

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

2

Orientation

Vertical

PC Tail Length (in)

0.134 In

PC Tail Length (mm)

3.40 mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.050 In

Pitch - Mating Interface (mm)

1.27 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Plating min: Mating (µin)

30

Plating min: Mating (µm)

0.76

Plating min: Termination (µin)

75

Plating min: Termination (µm)

1.91

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

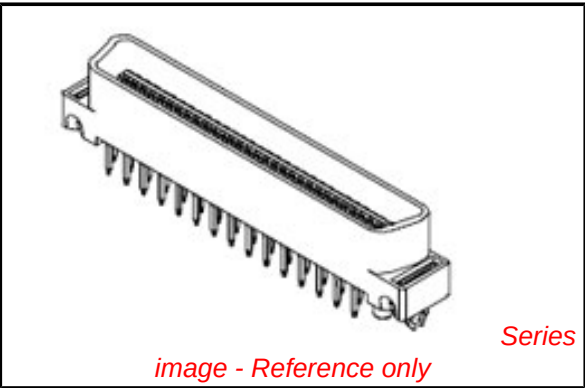
No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +105°C



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email 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

71661Series

Mates With

EBBI™ 50D Receptacle 71660 , 87552

Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	1A
UL	E29179
Voltage - Maximum	30V
Solder Process Data	
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	260
Material Info	
Old Part Number	A-71661-1068
Reference - Drawing Numbers	
Sales Drawing	SDA-71661-1***

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