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Part Number: [0716612513](#)
Status: **Active**
Overview:
Description: 1.27mm (.050") Pitch EBBI™ 50D Plug, Right Angle, Blind-Mate, 130 Circuits, 2.79mm (.110") PC Tail Length

Documents:

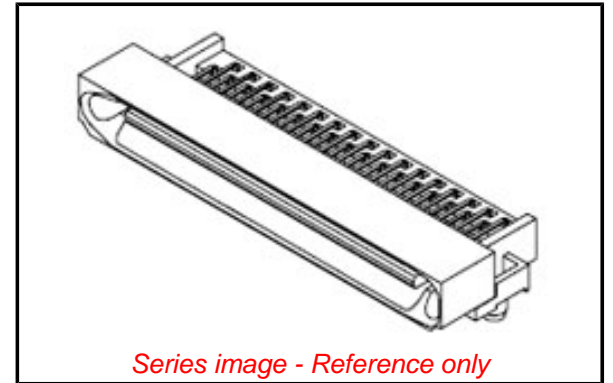
[3D Model](#) [Product Specification PS-71660 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	71661
Application	Board-to-Board
Application	Wire-to-Board
Overview	EBBI™ 50D
Product Name	EBBI™

Physical

Breakaway	No
Circuits (Loaded)	130
Circuits (maximum)	130
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	Yes
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
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.79 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)	50
Plating min: Termination (µm)	1.30
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



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

**REACH SVHC
Contains SVHC: No
Halogen-Free
Status**

Not Reviewed

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Lead-free Process SMC & Wave Capable
Capability (TH only)
Process Temperature 235
max. C

China RoHS



Search Parts in this Series

[71661 Series](#)

Mates With

EBBI™ 50D Receptacle [71660](#) , [87537](#)

Termination Interface: Style

Through Hole

Electrical

CSA

LR19980

Current - Maximum

1A

UL

E29179

Voltage - Maximum

30V

Material Info

Reference - Drawing Numbers

Product Specification

PS-71660

Sales Drawing

SDA-71661-25**

This document was generated on 11/05/2009

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