

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0716612511](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Plug, Right-Angle, Blind-Mate, 100 Circuits, 2.79mm PC Tail Length

Documents:
[3D Model](#) [Product Specification PS-71660-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

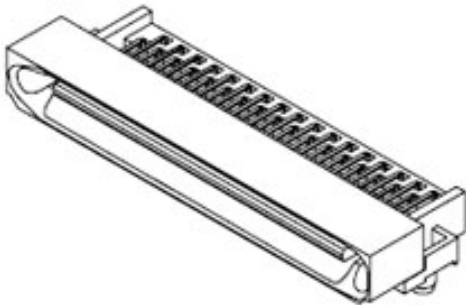
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [71661](#)
Application Board-to-Board, Signal, Wire-to-Board
Overview [EBBI 50D Connector System](#)
Product Name EBBI
UPC 800753304840

Physical

Breakaway No
Circuits (Loaded) 100
Circuits (maximum) 100
Color - Resin Black
Durability (mating cycles max) 2000
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Capable 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
Net Weight 19.231/g
Number of Rows 2
Orientation Right Angle
PC Tail Length 2.79mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 1.27mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 0.762µm
Plating min - Termination 1.270µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[71661](#) Series

Mates With

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

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V

Solder Process Data

Lead-freeProcess Capability	SMC&WAVE
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-71660-001
Sales Drawing	SDA-71661-25XX

This document was generated on 02/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[71661-2511](#)