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Part Number: [0716612100](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Plug, Right-Angle, 100 Circuits, 2.79mm PC Tail Length

Documents:
[3D Model](#) [Packaging Specification PK-70873-084X-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

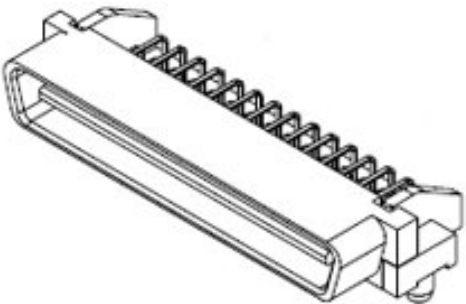
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [71661](#)
Application Board-to-Board, Signal, Wire-to-Board
Overview [EBBI 50D Connector System](#)
Product Name EBBI
UPC 800754352000

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 No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 8.056/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 -
D(2021)4569-DC (8
July 2021)

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](#) , [87552](#)

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-084X-001
Sales Drawing	SDA-71661-2XXX-001

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