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Part Number:

0716612540

Status:

Active

Overview:

EBBI 50D Connector System

Description:

1.27mm Pitch EBBI 50D Plug, Right-Angle, Blind-Mate, 40 Circuits, 2.79mm PC Tail Length

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71660-001 (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

800753303973

Physical

Breakaway

No

Circuits (Loaded)

40

Circuits (maximum)

40

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

7.694/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)

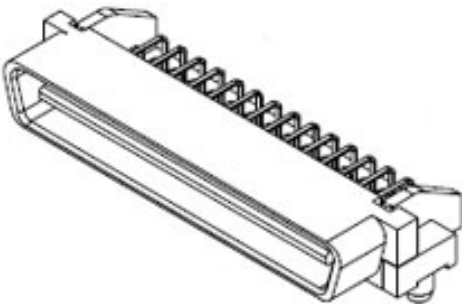
No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

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

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

This document was generated on 03/27/2019

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