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Part Number: [0015921120](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, 120 Circuits

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-71660 (PDF) |
| Drawing (PDF) | Product Specification PS-71660-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 71660 |
| Application | Board-to-Board, Signal |
| Overview | EBBI 50D Connector System |
| Product Name | EBBI |
| UPC | 800754240697 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 120 |
| Circuits (maximum) | 120 |
| Color - Resin | Black |
| Durability (mating cycles max) | 2000 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 6.601/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.40mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.27mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.254µm |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |

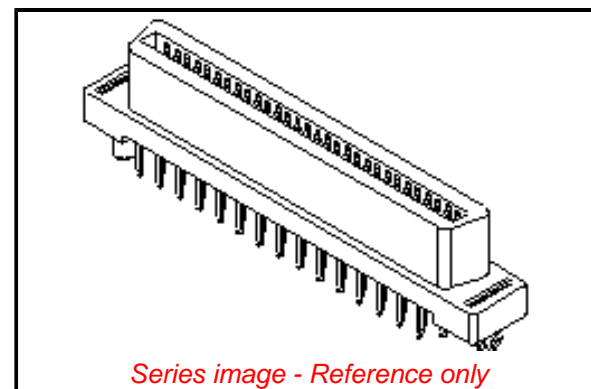
Electrical

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

Solder Process Data

| | |
|------------------------------|----------|
| Lead-free Process Capability | SMC&WAVE |
| Process Temperature max. C | 260 |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[71660 Series](#)

Mates With

[71661](#)

Engineering Number

A716601120

Reference - Drawing Numbers

Product Specification

PS-71660, PS-71660-001

Sales Drawing

SDA-71660-1XXX-001

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