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Part Number: [0015921080](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, 80 Circuits

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 Receptacles
 Series [71660](#)
 Application Board-to-Board, Signal
 Comments Meets SCA (Single Connector Attachment) standard for small form factor disk drives, Meets SCA (Single Connector Attachment) standard for small form factor disk drives
 Overview [EBBI 50D Connector System](#)
 Product Name EBBI
 UPC 800753641365

Physical

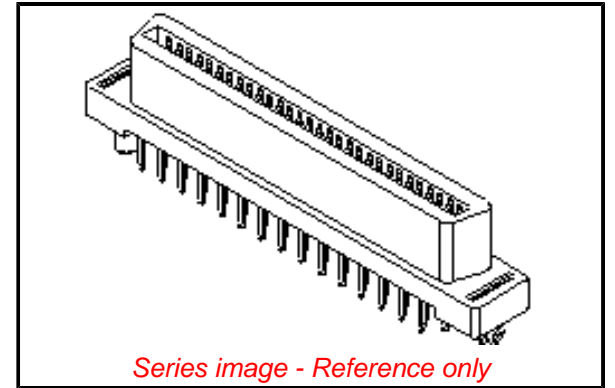
Circuits (Loaded) 80
 Circuits (maximum) 80
 Color - Resin Black
 Durability (mating cycles max) 2000
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 4.505/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

Duration at Max. Process Temperature (seconds) 040



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

[71660 Series](#)

Mates With

[71661](#)

Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Engineering Number	A-71660-1080
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Reference - Drawing Numbers

Product Specification	PS-71660-001
Sales Drawing	SDA-71660-1XXX, SDA-71660-1XXXX

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