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Part Number: [0015921080](#)
Status: **Active**
Overview: [ebbi_50d](#)
Description: 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, 80 Circuits

Documents:

[3D Model](#) [Product Specification PS-71660 \(PDF\)](#)
[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
Overview [ebbi_50d](#)
Product Name EBBI™

Physical

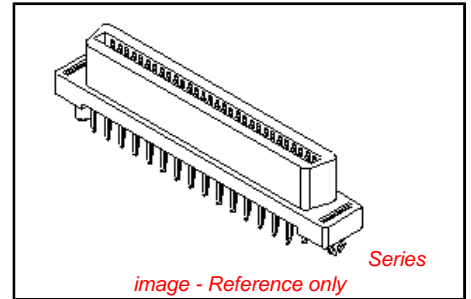
Circuits (Loaded) 80
Color - Resin Black
Durability (mating cycles max) 2,000
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PC Tail Length 3.40mm (.134")
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm (.062")
Packaging Type Tray
Pitch - Mating Interface 1.27mm (.050")
Plating min - Mating 0.762µm (30µ")
Plating min - Termination 0.254µm (10µ")
Polarized to PCB Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 30V

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[71660Series](#)

Mates With
[71661](#)

Material Info

Old Part Number

A-71660-1080

Reference - Drawing Numbers

Product Specification

PS-71660

Sales Drawing

SDA-71660-1***, SDA-71660-1****

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