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Part Number: [0015921550](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, 50 Circuits, Advanced Terminals for First-Mate, Last-Break Mating

Documents:

[3D Model](#) [Product Specification PS-71660-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

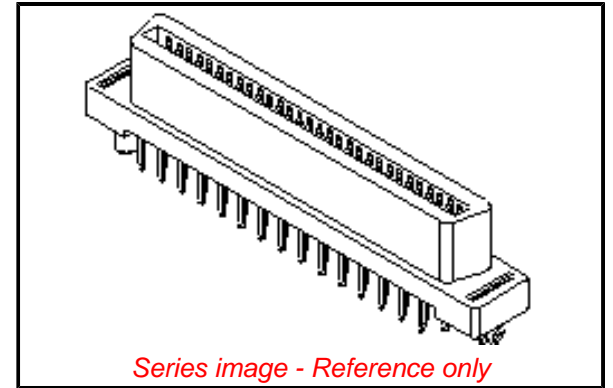
Product Family PCB Receptacles
 Series [71660](#)
 Application Board-to-Board, Signal
 Application Tooling Part Link 62200-4600
 Application Tooling Part Link 62200-5500
 Comments Circuit Numbers 2-4, 8-11, 14, 17, 20, 23, 26-29, 31-32, 34, 36, 39, 42, 45, 48-49 are advanced terminals for first-mate/last-break mating

Overview

Product Name [EBBI 50D Connector System](#)
 UPC EBBI
 800754397506

Physical

Circuits (Loaded) 50
 Circuits (maximum) 50
 Color - Resin Black
 Durability (mating cycles max) 2000
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Mated Height 12.50mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.990/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 Tube
 Pitch - Mating Interface 1.27mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.254µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[71660 Series](#)

Mates With

[71661 Vertical and Right Angle, 1.60mm PCB Card Edge](#)

Electrical

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

Material Info

Engineering Number A716601550

Reference - Drawing Numbers

Product Specification PS-71660-001
Sales Drawing SD-71660-001, SDA-71660-1***, SDA-71660-1****

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