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Part Number: [0716607040](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 40 Circuits, 2.79mm PC Tail Length

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

Application Tooling Part Link 62200-4600
 Application Tooling Part Link 62200-5500

General

Product Family PCB Receptacles
 Series [71660](#)
 Application Board-to-Board, Signal
 Overview [EBBI 50D Connector System](#)
 Product Name EBBI
 UPC 800754250641

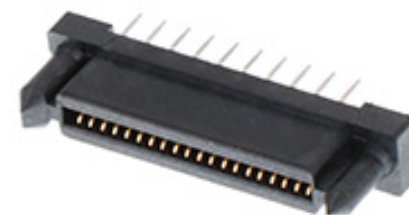
Physical

Circuits (Loaded) 40
 Circuits (maximum) 40
 Color - Resin Black
 Durability (mating cycles max) 2000
 Flammability 94V-0
 Glow-Wire Capable No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.385/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 2.79mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.79mm
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[71660 Series](#)

Mates With

[716617***](#)|[7166125**](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
IDT - Manual Press	622004600
IDT - Manual Press	622005500

Lead-free Process Capability
Process Temperature max. C

SMC&WAVE
260

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-71660-001
SDA-71660-7XXX-001

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