

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [15-92-1040](#)
Status: **Active**
Overview: EBBI™ 50D
Description: 1.27mm Pitch EBBI™ 50D Receptacle, Vertical, 40 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
Application Tooling Part Link [622004600](#)
Application Tooling Part Link [622005500](#)
Overview [EBBI™ 50D](#)
Product Name EBBI™
UPC 800754397247

Physical

Circuits (Loaded) 40
Circuits (maximum) 40
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
Net Weight 2.485/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°C to +105°C
Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Lead-free Process Capability SMC & Wave Capable (TH only)
Process Temperature max. C 260

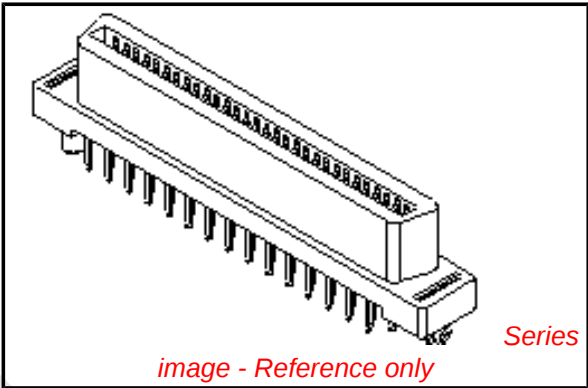


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



**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](#)

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 [0622004600](#)
IDT - Manual Press [0622005500](#)

Material Info

Old Part Number

onlinecomponents.com
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

Reference - Drawing Numbers

Product Specification

PS-71660

Sales Drawing

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

This document was generated on 02/28/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

onlinecomponents.com