

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015921120](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, 120 Circuits

Documents:

3D Model	Product Specification PS-71660-001 (PDF)
Drawing (PDF)	Packaging Specification PK-71660-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	71660
Application	Board-to-Board, Signal
Overview	EBBI 50D Connector System
Product Name	EBBI
UPC	800754240697

Physical

Circuits (Loaded)	120
Circuits (maximum)	120
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	6.601/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

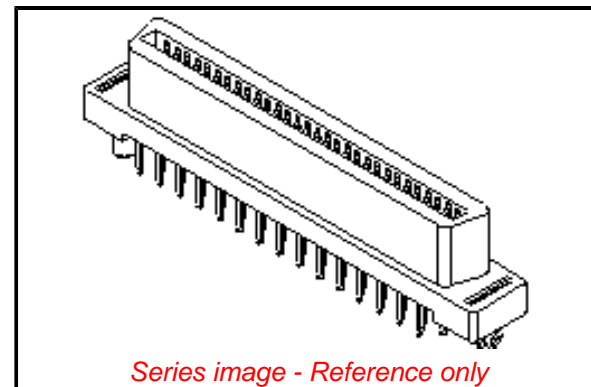
Electrical

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

Solder Process Data

Lead-free Process Capability	SMC&WAVE
Process Temperature max. C	260

Material Info



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

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[71660 Series](#)

Mates With

[71661](#)

Engineering Number

A716601120

Reference - Drawing Numbers

Packaging Specification

PK-71660-001

Product Specification

PS-71660-001

Sales Drawing

SDA-71660-1XXX-001

This document was generated on 09/23/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION