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Part Number: [0716607080](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind-Mate, 80 Circuits

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

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 800754351607

Physical

Circuits (Loaded) 80
Circuits (maximum) 80
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 4.787/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

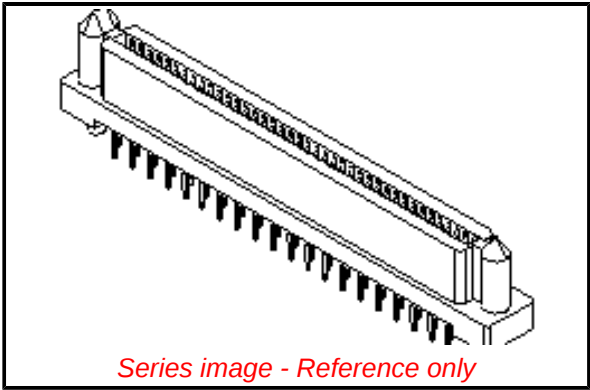
Current - Maximum per Contact 1.0A
Voltage - Maximum 30V

Solder Process Data

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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[71660 Series](#)

Mates With

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

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