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Part Number: [0875520687](#)
Status: **Active**
Overview: [EBBI 50D Connector System](#)
Description: 1.27mm Pitch EBBI 50D Receptacle, Through Hole, Right-Angle, with Beveled Metal Pins, 0.76µm Gold (Au) Selective Plating, 68 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-87552-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87552-006-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [87552](#)
Application Board-to-Board, Signal
Overview [EBBI 50D Connector System](#)
Product Name EBBI
UPC 822348069637

Physical

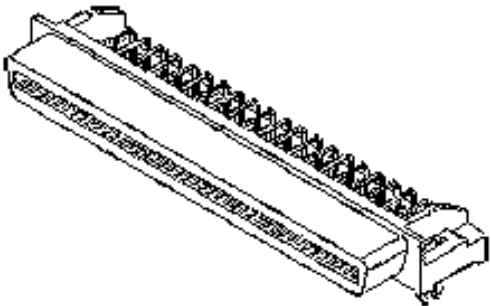
Circuits (Loaded) 68
Circuits (maximum) 68
Color - Resin Black
Durability (mating cycles max) 500
Flammability 94V-0
Glow-Wire Capable No
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 5.393/g
Number of Rows 4
Orientation Right Angle
PC Tail Length 2.80mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 1.27mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability SMC&WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

[87552 Series](#)

Mates With

[71661](#)

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	270

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87552-001, EE-87552-002
Packaging Specification	PK-87552-100
Product Specification	PS-87552-006-001
Sales Drawing	SD-87552-007

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