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Part Number: [0738290002](#)
Status: **Planned for Obsolescence**
Overview: [ebbi_50d](#)
Description: 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, Press-fit, Extended Height, SCA-2, 40 Circuits

Documents:

[3D Model](#) [Product Specification PS-73826-0000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [73829](#)
Application Board-to-Board, Signal
Overview [ebbi_50d](#)
Product Name EBBI™

Physical

Circuits (Loaded) 40
Color - Resin Black
Durability (mating cycles max) 500
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Material - Metal High Performance Alloy (HPA), Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PC Tail Length 3.18mm (.125")
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 3.18mm (.125")
Packaging Type Tray
Pitch - Mating Interface 1.27mm (.050")
Plating min - Mating 0.762µm (30µ")
Plating min - Termination 1.905µm (75µ")
Polarized to PCB Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

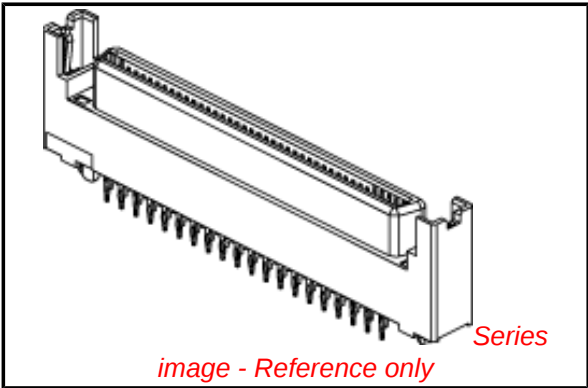
Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 245

Material Info



EU RoHS

RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
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

[73829Series](#)

Mates With

[71661](#) , [87572](#) , [87571](#) , [87012](#)

Reference - Drawing Numbers

Product Specification

PS-73826-0000

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