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Part Number: [0717431040](#)
Status: **Active**
Overview: [ebbi_50d](#)
Description: 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical 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 71743
 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 Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 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 0.254µm (10µ")
 Polarized to PCB Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

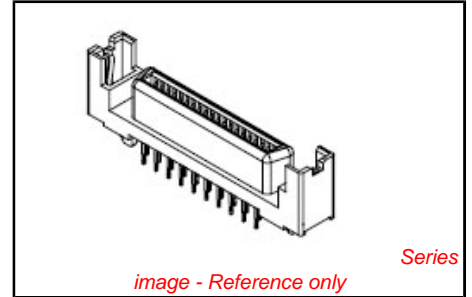
Electrical


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

Solder Process Data

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 260

Material Info



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| <p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen</p> | <p>China RoHS</p>  |
| <p>Need more information on product environmental compliance?</p> <p>Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here</p> <p>Please visit the Contact Us section for any non-product compliance questions.</p> | |

Search Parts in this Series
71743Series

Mates With
87572 , 87571 , 87012

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-73826-0000
SDA-71743-104*

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