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Part Number: 0716612518 Status: Active Overview: ebbi_50d Description: 1.27mm (.050°) Pitch EBBI™ 50D Plug, Right Angle, Blind-Mate, 68 Circuits, 3.18mm (.125°) PC Tail Length Documents: 3D.Model Product Specification PS-71660 (PDF) Dawing (PDF) RoHS Certificate of Compliance (PDF) Agency Certification China RoHS CSA LR19980 UL E29179 General PCB Headers Product Family PCB Headers Series 71661 Application Board-to-Board, Signal, Wire-to-Board Overview ebbi_50d Product Name EBBI™ Physical Breakaway No Breakaway No No Decaders No Con
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Physical Breakaway No Email productcompliance@molex.com
Circuits (Loaded) 68 For a multiple part number RoHS Certificate
Circuits (maximum) 68 Compliance, click here
Color - Resin Black Direction of the state o
Durability (mating cycles max)2,000Please visit the Contact Us section for any
First Mate / Last Break No non-product compliance questions.
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part None Search Parts in this Series
Lock to Mating Part None 71661Series
Material - Metal Brass
Material - Plating Mating Gold Mates With
Material - Plating Termination Tin EBBI™ 50D Receptacle 71660, 87537
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PC Tail Length 3.18mm (.125")
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Tray
Pitch - Mating Interface 1.27mm (.050")
Pitch - Termination Interface 1.27mm (.050")
Plating min - Mating 0.762µm (30µ")
Plating min - Termination 1.270µm (50µ")
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical Current - Maximum per Contact Voltage - Maximum	1A 30V
Solder Process Data	
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	235
Material Info	
Country of Origin	MX, US
Reference - Drawing Numbers	
Packaging Specification	PK-70873-084*
Product Specification	PS-71660
Sales Drawing	SDA-71661-25**

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