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 Part Number:
 0015921050

 Status:
 Active

**Description:** 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, 50 Circuits

**Documents:** 

3D Model Product Specification PS-71660 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

EBBI™

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family

Series

Application

Application Tooling Part Link

Product Name

Physical

Circuits (Loaded) 50
Color - Resin Black
Durability (mating cycles max) 2,000
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 Orientation Vertical PC Tail Length (in) 0.134 In PC Tail Length (mm) 3.40 mm PCB Locator Yes **PCB** Retention Yes PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tray Pitch - Mating Interface (in) 0.050 In Pitch - Mating Interface (mm) 1.27 mm Plating min: Mating (µin) 30 Plating min: Mating (µm) 0.75 Plating min: Termination (µin) 10 Plating min: Termination (µm) 0.25 Polarized to PCB Yes

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

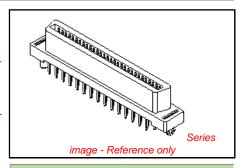
**Electrical** 

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

**Solder Process Data** 

Lead-free Process Capability SMC & Wave Capable (TH only)

Process Temperature max. C 260



China RoHS

EU RoHS

ELV and RoHS Compliant REACH SVHC Contains SVHC: No

Halogen-Free Status Halogen-Free

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

71660 Series

**Mates With** 71661

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

 Description
 Product #

 IDT - Manual Press
 0622004600

 IDT - Manual Press
 0622005500

**Material Info** 

Old Part Number A-71660-1050

Reference - Drawing Numbers Product Specification

PS-71660

SDA-71660-1\*\*\*, SDA-71660-1\*\*\*\* Sales Drawing

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