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 Part Number:
 0015921080

 Status:
 Active

Description: 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, 80 Circuits

Documents:

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

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Receptacles

Series 71660 Application Board-to-Board

Comments Meets SCA (Single Connector Attachment) standard for

small form factor disk drives

EBBI™

Physical

Product Name

 Circuits (Loaded)
 80

 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 0.134 In PC Tail Length (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

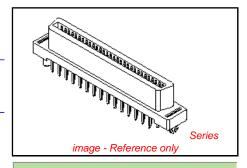
Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 40

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



China RoHS

EU RoHS
ELV and RoHS

Compliant
REACH SVHC
Contains SVHC: No

Halogen-Free Status Not Reviewed

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

3 260 Max. Cycles at Max. Process Temperature Process Temperature max. C

Material Info

Old Part Number A-71660-1080

Reference - Drawing Numbers Product Specification

PS-71660

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

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