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Part Number:

0716607630

Status:

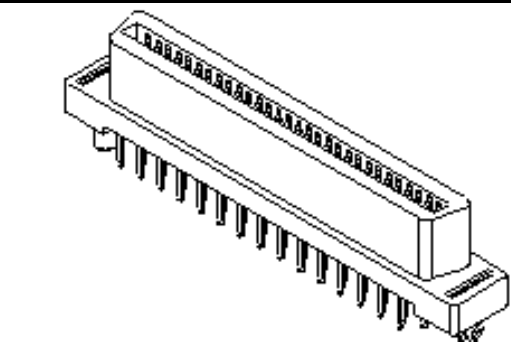
Active

Overview:

EBBI 50D Connector System

Description:

1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind-Mate, 30 Circuits



Series image - Reference only

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Agency Certification                           |                                |
| CSA                                            | LR19980                        |
| UL                                             | E29179                         |
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 71660                          |
| Application                                    | Board-to-Board, Signal         |
| Application Tooling Part Link                  | 62200-4600                     |
| Application Tooling Part Link                  | 62200-5500                     |
| Overview                                       | EBBI 50D Connector System      |
| Product Name                                   | EBBI                           |
| UPC                                            | 822348226160                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 30                             |
| Circuits (maximum)                             | 30                             |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 2000                           |
| Flammability                                   | 94V-0                          |
| Glow-Wire Capable                              | No                             |
| Guide to Mating Part                           | Yes                            |
| Lock to Mating Part                            | None                           |
| Material - Metal                               | Phosphor Bronze                |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 1.788/g                        |
| Number of Rows                                 | 2                              |
| Orientation                                    | Vertical                       |
| PC Tail Length                                 | 3.94mm                         |
| PCB Locator                                    | Yes                            |
| PCB Retention                                  | Yes                            |
| PCB Thickness - Recommended                    | 3.94mm                         |
| Packaging Type                                 | Tray                           |
| Pitch - Mating Interface                       | 1.27mm                         |
| Plating min - Mating                           | 0.762µm                        |
| Plating min - Termination                      | 0.254µm                        |
| Polarized to PCB                               | Yes                            |
| Surface Mount Compatible (SMC)                 | Yes                            |
| Temperature Range - Operating                  | -40° to +105°C                 |
| Termination Interface: Style                   | Through Hole                   |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1.0A                           |
| Voltage - Maximum                              | 30V                            |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 040                            |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per  
-ED/88/2018 (15  
January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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 622004600

IDT - Manual Press 622005500

|                                         |                    |                |
|-----------------------------------------|--------------------|----------------|
| Lead-free                               | Process Capability | SMC&WAVE       |
| Max. Cycles at Max. Process Temperature |                    | 003            |
| Process Temperature max. C              |                    | 260            |
| <b>Material Info</b>                    |                    |                |
| <b>Reference - Drawing Numbers</b>      |                    |                |
| Sales Drawing                           |                    | SDA-71660-7XXX |

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