Part Number : 716607040

Product Description : 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 40 Circuits, 2.79mm PC Tail Length

Series Number : 71660

Status : New Business Not Supported

Product Category : PCB Headers and Receptacles

## Documents & Resources

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## Part Details

### General

| | |
|---|---|
| Status | New Business Not Supported |
| Category | PCB Headers and Receptacles |
| Series | 71660 |

| | |
|---|---|
| Description | 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 40 Circuits, 2.79mm PC Tail Length |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Product Family | EBBI 50D Connector System |
| Product Name | EBBI |
| UPC | 800754250641 |

## Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 30V |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Color - Resin | Black |
| Durability (mating cycles max) | 2000 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 2.385/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PC Tail Length | 2.79mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.79mm |

| | |
|---|---|
| Pitch - Mating Interface | 1.27mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.254µm |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

## Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | SMC&WAVE |
| Max-Temp | 260 |