



Part Number : 716607030

Series Number : 71660

Product Category : PCB Headers and Receptacles

Product Description : 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 30 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 716607030_sd.pdf


Packaging Design Drawing PK-71660-001.pdf

3D Models and Design Files

3D Model 716607030_stp.zip

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

Multiple Part Industry Compliance Documents

- 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	Active
Category	PCB Headers and Receptacles
Series	71660
Description	1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 30 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	EBBI 50D Connector System
Product Name	EBBI
UPC	800754351522

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
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	1.788/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.27mm Pitch EBBI 50D Plug, Vertical, Blind Mate, 30 Circuits, 2.79mm PC Tail Length	<u>716617030</u>