



Part Number : 15921430

Series Number : 71660

Product Category : PCB Headers and Receptacles

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

Status : Active

Engineering Number : A716601330

Documents & Resources

Drawings

Drawing 015921430_sd.pdf

Packaging Design Drawing PK-71660-001.pdf

3D Models and Design Files


3D Model 015921430_stp.zip

Specifications

Product Specification PS-71660-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	71660
Description	1.27mm Pitch EBBI 50D Receptacle, Vertical, 30 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	EBBI 50D Connector System
Product Name	EBBI
UPC	800754397407

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
Guide to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin

Material - Resin	High Temperature Thermoplastic
Net Weight	2.000/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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