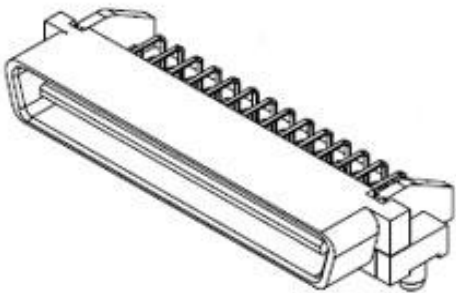




Part Number : [716612100](#)
Product Description : 1.27mm Pitch EBBI 50D Plug,
Right-Angle, 100 Circuits, 2.79mm PC Tail Length
Series Number : 71661
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[PK-70873-084X-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

Part Details

General

Status	Not Recommended For New Design
Category	PCB Headers and Receptacles
Series	71661
Description	1.27mm Pitch EBBI 50D Plug, Right-Angle, 100 Circuits, 2.79mm PC Tail Length
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	EBBI
UPC	800754352000

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Black
Durability (mating cycles max)	2000
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None

Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.056/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.79mm
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
EBBI 50D Vertical PCB Receptacles	<u>71660</u>

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