

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0716617050

Status:

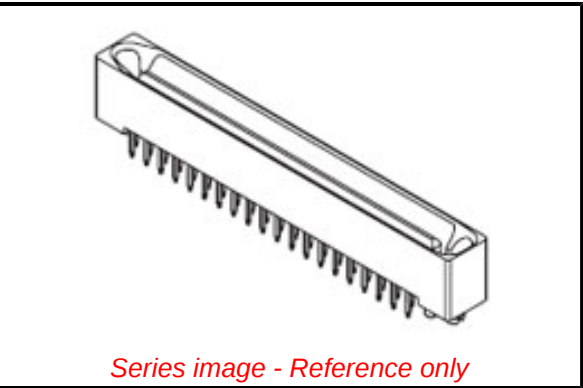
Active

Overview:

EBBI 50D Connector System

Description:

1.27mm Pitch EBBI 50D Plug, Vertical, Blind Mate, 50 Circuits, 2.79mm PC Tail Length



Documents:	
3D Model	Product Specification PS-71660-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-71660 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	71661
3D Viewer	Yes
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	EBBI 50D Connector System
PITCH-MATING-NUMERIC	1.27
Product Name	EBBI
UPC	800754352307
Physical	
Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	2000
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.043/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

71661 Series

Mates With

EBBI 50D Receptacle 71660

Surface Mount Compatible (SMC)	No
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	
Lead-freeProcess Capability	SMC&WAVE
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-71660, PS-71660-001
Sales Drawing	SDA-71661-7XXX

This document was generated on 07/29/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION