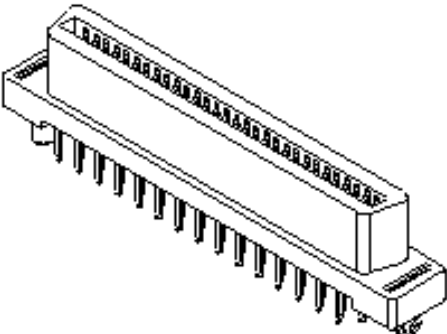


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Part Number: 0015921550
Status: Active
Overview: EBBI 50D Connector System
Description: 1.27mm Pitch EBBI 50D Receptacle, Vertical, 50 Circuits, Advanced Terminals for First-Mate, Last-Break Mating

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

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	71660
Application	Board-to-Board, Signal
Application Tooling Part Link	62200-4600
Application Tooling Part Link	62200-5500
Comments	Circuit Numbers 2-4, 8-11, 14, 17, 20, 23, 26-29, 31-32, 34, 36, 39, 42, 45, 48-49 are advanced terminals for first-mate/last-break mating, Circuit Numbers 2-4, 8-11, 14, 17, 20, 23, 26-29, 31-32, 34, 36, 39, 42, 45, 48-49 are advanced terminals for first-mate/last-break mating
Overview	
Product Name	EBBI
UPC	800754397506
Physical	
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	2000
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	12.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.990/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tube
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	0.254µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/88/2018 (15 January 2019) Halogen-Free Status Low-Halogen	China RoHS
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
71660 Series

Mates With
71661 Vertical and Right Angle, 1.60mm
PCB Card Edge

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
IDT - Manual Press	622004600
IDT - Manual Press	622005500

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Material Info	
Engineering Number	A716601550
Reference - Drawing Numbers	
Product Specification	PS-71660-001
Sales Drawing	SD-71660-001, SDA-71660-1XXX, SDA-71660-1XXXX

This document was generated on 03/05/2019

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