molex®
one company > a world of innovation

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0716607040

Status: Active

Overview: EBBI™ 50D

Description: 1.27mm Pitch EBBI™ 50D Receptacle, Vertical, Blind-Mate, 40 Circuits

Series image - Reference only

Documents:
3D Model
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
MolexKits	Yes
Overview	EBBI™ 50D
Product Name	EBBI™
UPC	800754250641

Physical
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	2000
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.385/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	0.254µm
Polarized to PCB	Yes
Temperature Range - Operating	-40°C 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
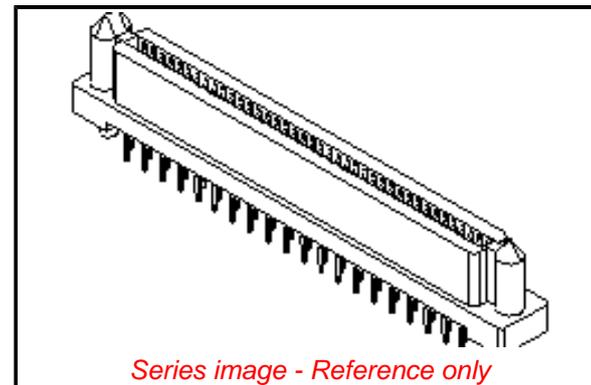
EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June 2016)
Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
71660 Series

Mates With
71661-7***|71661-25**

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
IDT - Manual Press	0622004600
IDT - Manual Press	0622005500

Material Info

Reference - Drawing Numbers
Sales Drawing   SDA-71660-7***