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Part Number:	**0716607068**
Status:	**Active**
Overview:	ebbi_50d
Description:	1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, Blind-Mate, 68 Circuits

Documents:
3D Model
Drawing (PDF)

Product Specification PS-55087-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	71660
Application	Board-to-Board, Signal
MolexKits	Yes
Overview	ebbi_50d
Product Name	EBBI™

Physical

Circuits (Loaded)	68
Color - Resin	Black
Durability (mating cycles max)	2,000
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm (.110")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.79mm (.110")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.254µm (10µ")
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	30V

Solder Process Data

Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	260

Material Info

Country of Origin	HK, US

Reference - Drawing Numbers

Series
image - Reference only
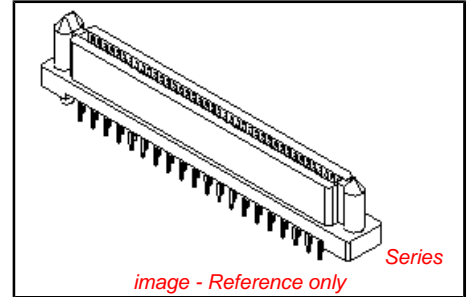
EU RoHS   **China RoHS**
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, click here

Please visit the Contact Us section for any
non-product compliance questions.

Search Parts in this Series
71660Series

Mates With
71661-7xxx , 71661-25xx

Packaging Specification	PK-71660
Product Specification	PS-55087-002, RPS-55087-001
Sales Drawing	SDA-71660-7***

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