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Part Number:	**0716607630**
Status:	**Active**
Overview:	ebbi_50d
Description:	1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical, Blind-Mate, 30 Circuits

Documents:
3D Model
Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Series
image - Reference only

Agency Certification
CSA	LR19980
UL	E29179

General
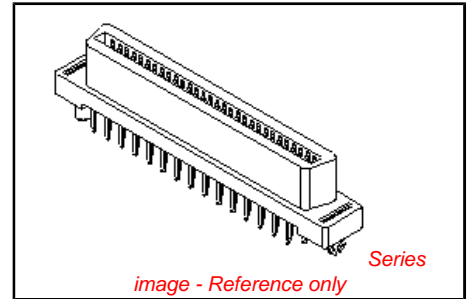|	
Product Family	PCB Receptacles
Series	71660
Application	Board-to-Board, Signal
Application Tooling Part Link	622004600
Application Tooling Part Link	622005500
Overview	ebbi_50d
Product Name	EBBI™

Physical
Circuits (Loaded)	30
Color - Resin	Black
Durability (mating cycles max)	2,000
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
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	3.94mm (.155")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.94mm (.155")
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
Surface Mount Compatible (SMC)	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
Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3

EU RoHS   **China RoHS**
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

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

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

Process Temperature max. C   260

Material Info

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

This document was generated on 03/04/2011
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