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Part Number: **71661-7030**

Status: **Active**

Overview: EBBI™ 50D

Description: 1.27mm Pitch EBBI™ 50D Plug, Vertical, Blind Mate, 30 Circuits, 2.79mm PC Tail Length

Documents:

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

image - Reference only

Series

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	71661
Application	Board-to-Board, Signal, Wire-to-Board
MolexKits	Yes
Overview	EBBI™ 50D
Product Name	EBBI™
UPC	800755009446

Physical
Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	2,000
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	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	1.968/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
Surface Mount Compatible (SMC)	No
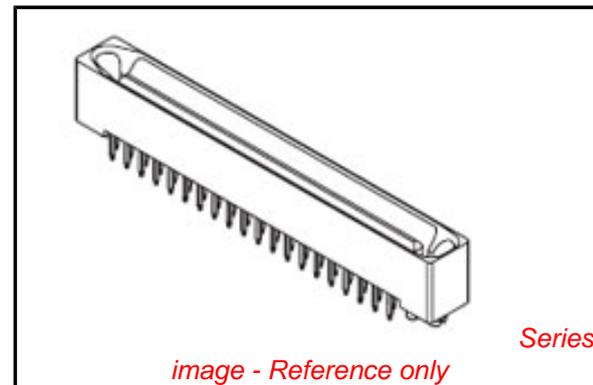
EU RoHS **China RoHS**

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
71661Series

Mates With
EBBI™ 50D Receptacle 71660

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
Process Temperature max. C   260

Material Info

Reference - Drawing Numbers
Product Specification   PS-71660
Sales Drawing   SDA-71661-7***