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Part Number: **0550876819**
Status: **Planned for Obsolescence**
Overview: ebbi_50d
Description: 1.27mm (.050") Pitch EBBI™ 50D Plug, Surface Mount, Vertical, BlindMate, 68 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-55087-002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	<u>55087</u>
Application	Board-to-Board, Signal
Overview	<u>ebbi_50d</u>
Product Name	EBBI™

Physical

Breakaway	No
Circuits (Loaded)	68
Circuits (maximum)	68
Durability (mating cycles max)	500
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	1.016µm (40µ")
Polarized to Mating Part	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

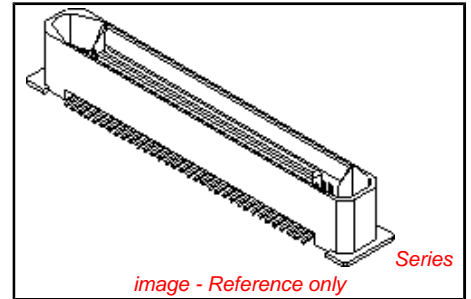
Electrical


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

Material Info

Reference - Drawing Numbers

Product Specification	PS-55087-002, RPS-55087-001
Sales Drawing	SD-55087-001



EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen	China RoHS 
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Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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55087Series

Mates With
716607068 PCB Receptacle

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