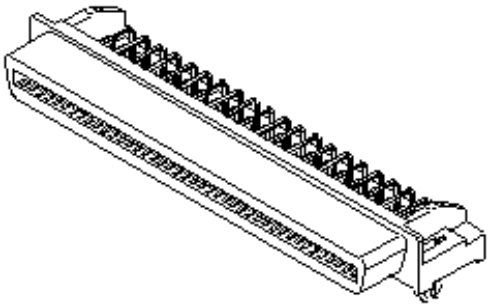
This document was generated on 11/04/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0875520687

Status: Active

Description: 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Through Hole, Right Angle, with Beveled Metal Pins, 0.76µm (30µ") Gold (Au) Selective Plating, 68 Circuits, Leadfree



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87552-006 (PDF)
RoHS Certificate of Compliance (PDF)

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

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

Search Parts in this Series
87552 Series

Mates With
71661

General	
Product Family	PCB Receptacles
Series	87552
Application	Board-to-Board
Product Name	EBBI™
Physical	
Circuits (Loaded)	68
Color - Resin	Black
Durability (mating cycles max)	500
Glow-Wire Compliant	No
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	4
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.80 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	2.54
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum	1A
Voltage - Maximum	30V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	270
Material Info	
Reference - Drawing Numbers	

Product Specification	PS-87552-006
Sales Drawing	SD-87552-007

This document was generated on 11/04/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION