MolexKits.com
The connector kit specialist

Datasheet for 76650-0168

General Information	
Kit Part Number:	76650-0168
Connector Type:	Board-to-Board
Solution:	High Speed Connectors
Molex Family:	SlimStack™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications	
Circuit Size:	20, 40, 60, 80
Current Rating:	0.5A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	Vertical Headers, Vertical Receptacles
Pitch:	0.635mm (.025")
Speed:	<= 3 Ghz
Style:	Mezzanine
Voltage Rating:	100V

Product Hightlights

Molex's SlimStack™ connectors are tested to accommodate frequency rates up to 3 GHz for various high-speed applications. With a broad range of circuit sizes and stack heights, SlimStack™Â offers an economical way to achieve high-speed performance in both 50 and 100 Ohm systems.

Features and Benefits
• 3 GHz performance
• Cross Talk • 6.00 to 16.00mm stack heights
• Economical design
• For 50 and 100 Ohm applications
• Anti-flux design
• Metal solder tabs provide PCB hold down and strain relief for SMT tails
• Polarizing pegs assist placement
• Housing lock on 20 to 60 circuits
• Superior terminal design/wipe length
• Easy board processing

Applications
• Mobile Phone
• PDA
• Digital Video Camera
• Digital Still Camera
• Digital Video Player
• Digital Audio Player
• Voice Recorder
• Notebook PC

MolexKits.com
The connector kit specialist

• Any Compact Applications • Military

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
52885-0274	0.635mm (.025") Pitch SlimStack™ 20 Circuit Receptacle, H = 5.00mm (.197")	2
52885-0474	0.635mm (.025") 40 Circuit Receptacle, H = 5.00mm (.197")	2
52885-0874	0.635mm (.025") 80 Circuit Receptacle, H = 5.00mm (.197")	1
52901-0274	0.635mm (.025") Pitch SlimStack™ 20 Circuit Receptacle, H = 11.00mm (.433")	2
52901-0874	0.635mm (.025") 80 Circuit Receptacle, H = 11.00mm (.433")	1
52901-0474	0.635mm (.025") 40 Circuit Receptacle, H = 11.00mm (.433")	2
52901-0674	0.635mm (.025") 60 Circuit Receptacle, H = 11.00mm (.433")	1
55091-0274	0.635mm (.025") Pitch SlimStack™ 20 Circuit Plug, H = 6.00mm (.236")	2
55091-0474	0.635mm (.025") 40 Circuit Header, H = 6.00mm (.236")	2
55091-0674	0.635mm (.025") 60 Circuit Header, H = 6.00mm (.236")	1
55091-0874	0.635mm (.025") 80 Circuit Header, H = 6.00mm (.236")	1
53647-0274	0.635mm (.025") Pitch SlimStack™ 20 Circuit Plug, H = 8.00mm (.315")	2
53647-0474	0.635mm (.025") 40 Circuit Header, H = 8.00mm (.315")	2
53647-0674	0.635mm (.025") 60 Circuit Header, H = 8.00mm (.315")	1
53627-0474	0.635mm (.025") 40 Circuit Header, H = 10.00mm (.393")	2
53627-0674	0.635mm (.025") 60 Circuit Header, H = 10.00mm (.393")	1
53627-0874	0.635mm (.025") 80 Circuit Header, H = 10.00mm (.393")	1

Recommended Molex Tool

Molex Part No.	Description