

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0544770608](#)
Status: **Active**
Overview: SlimStack™ 0.40mm (.016") Pitch Headers and Receptacles
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 4.00mm (.157") Stacking Height, 60 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-54477-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54477-008 \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	54477
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm (.016") Pitch Headers and Receptacles
Product Name	N/A

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	4.00mm (.157")
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm (.016")
Pitch - Termination Interface	0.40mm (.016")
Plating min - Mating	0.254µm (10µ")
Plating min - Termination	0.102µm (4µ")
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +105°C
Termination Interface: Style	Surface Mount

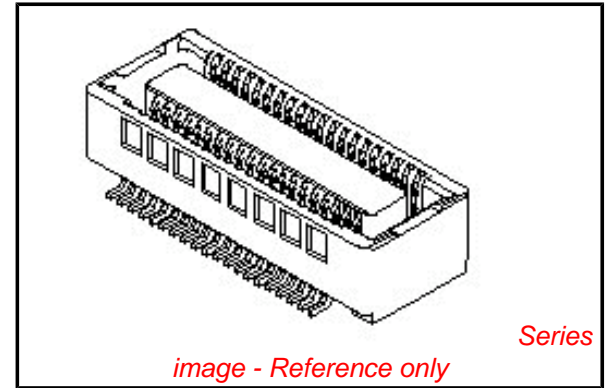
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54477-001
Product Specification	PS-54477-008, RPS-54477-018
Sales Drawing	SD-54477-003, SD-54477-004



EU RoHS

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

China RoHS



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

[54477Series](#)

Mates With

[55339 PCB Header](#)

This document was generated on 05/23/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION