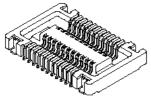


Part Number: 500024-4071

0.40mm Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 0.95mm Mated Height, without Friction Lock, 40 Circuits, Lead-Free



Status: Series: Category: Overview: Contact Molex <u>500024</u> PCB Receptacles <u>SlimStack™ 0.40mm Pitch Board-to-</u> <u>Board Connectors</u>

Series image - Reference only

Mates With Part(s): 5000274042

Part Detail		
General		
Status	Contact Molex	
Category	PCB Receptacles	
Series	<u>500024</u>	
Application	Board-to-Board, Signal	
Comments	Solder Tab Plating: Lead-Free, Tin	
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors	
Product Name	SlimStack™	
Physical		
Circuits (Loaded)	40	
Circuits (maximum)	40	
Color - Resin	Natural	
Durability (mating cycles max)	10	
Glow-Wire Compliant	No	
Lock to Mating Part	None	
Mated Height	0.95mm	
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	No	
PCB Retention	Yes	
Packaging Type	Embossed Tape on Reel	
Pitch - Mating Interface	0.40mm	
Pitch - Termination Interface	0.40mm	
Plating min - Mating	0.102µm	
Plating min - Termination	0.051µm	
Polarized to PCB	No	
Surface Mount Compatible (SMC)	N/A	
Temperature Range - Operating	-25°C to +85°C	
Termination Interface: Style	Surface Mount	
Electrical		
(Please review the Product Specificatio	n for specific details)	
Current - Maximum per Contact	0.1A	
Voltage - Maximum	50V	
Material Info		
UPC	822348177028	
Reference - Drawing Numbers		
-		
Packaging Specification	SPK-500024-001	
Product Specification	PS-500024-008, PS-500024-009, PS-500024-011, RPS-500024-019, RPS-500024-020, RPS- 500024-023, RPS-500024-025, RPS-500024-026, RPS-500024-030, RPS-500024-031, RPS- 500024-034, RPS-500024-035, RPS-500024-038, RPS-500024-039, RPS-500024-040, RPS- 500024-041	
Sales Drawing	SD-500024-018, SD-500024-019	

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling Check our list of old tooling that used to be available for this part