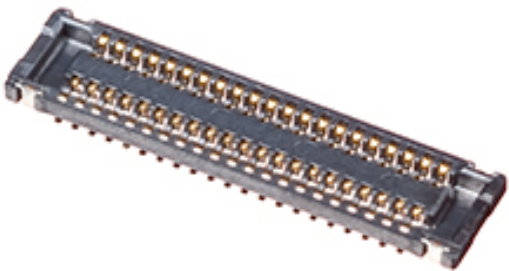




**Part Number :** 5033042442  
**Product Description :** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60mm Mated Width, 24 Circuits  
**Series Number :** 503304  
**Status :** Not Recommended For New Design  
**Product Category :** Board-to-Board Connectors



## Documents & Resources

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

## Part Details

### General

Status	Not Recommended For New Design
Category	Board-to-Board Connectors
Series	503304
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60mm Mated Width, 24 Circuits
Series Name	0.4, HRF 7L
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	191128129343

## Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

## Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.70mm
Mated Width	2.60mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	12.942/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No

PCB Retention	Yes
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

---

---

This document was generated on Apr 25, 2025