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**Part Number:** [0554870519](#)  
**Status:** **Active**  
**Overview:** [MicroTPA Connector System](#)  
**Description:** 2.00mm Pitch MicroTPA Wire-to-Board Header, Vertical, Shrouded, High Wall Type, with Inner Positive Lock, 5 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51216-007-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification SPK-55487-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

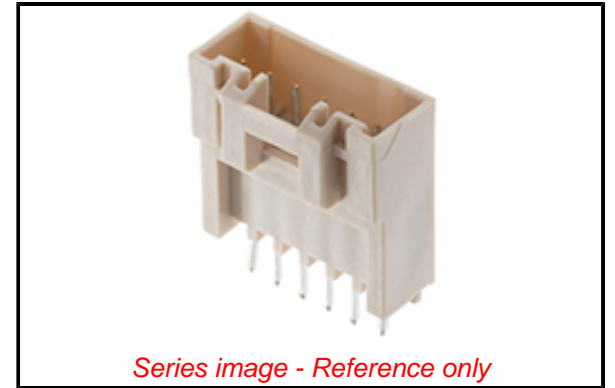
Product Family PCB Headers  
 Series [55487](#)  
 Application Signal, Wire-to-Board  
 Overview [MicroTPA Connector System](#)  
 Product Name MicroTPA  
 UPC 822348179060

**Physical**

Breakaway No  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Mated Height 17.70mm  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 706.220/mg  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.30mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Polarized to Mating Part Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 2.5A  
 Voltage - Maximum 250V



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55487 Series](#)

**Mates With**

[51216 Wire-to-Board and Wire-to-Wire Receptacle Housing](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-55487-001-001

Product Specification

PS-51216-007-001

Sales Drawing

SD-55487-007-001, SD-55487-007-002

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