



Part Number : 346919162

Series Number : 34691

Product Category : PCB Headers and Receptacles

Product Description : Stac64 Right-Angle Header, 16 Circuits, Polarization C, Brown, Tube

Status : Active

Documents & Resources

Drawings

Drawing 346919162_sd.pdf

3D Models and Design Files

3D Model 346919162_stp.zip

Specifications

Application Specification AS-34729-020-001.pdf

Product Specification PS-34729-020-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Duty-To-Declare |
| China RoHS | Not Relevant |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Relevant |
| REACH SVHC | Contains Boric acid per D(2024)4144-DC (27 June 2024) |
| 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

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 34691 |
| Description | Stac64 Right-Angle Header, 16 Circuits, Polarization C, Brown, Tube |
| Application | Automotive, Power, Wire-to-Board |
| Comments | Polarization C |
| Component Type | PCB Header |
| Product Family | Stac64 Single, Multi-Pocket and Hybrid Header System |
| Product Name | Stac64 |
| UPC | 883906857783 |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 10.0A |
| Voltage - Maximum | 500V |

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Brown |
| Durability (mating cycles max) | 10 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |

| | |
|--------------------------------|--------------------------------|
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 7.504/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tube |
| PC Tail Length | 3.36mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|----------|
| Max-Duration | 40 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 3 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|----------------------------|--------------|
| Stac64 Receptacle Housings | <u>34729</u> |