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**Part Number:** [0015976081](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit TPA2 Plugs and Receptacles](#)  
**Description:** Mini-Fit® TPA Plug Housing, 4.20mm Pitch, Dual Row with Secondary Terminal Retention, 8 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#)  
[Product Specification PS-5556-003 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                    |                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>        |                                                                                                                                                                                                                                            |
| CSA                                | LR19980                                                                                                                                                                                                                                    |
| UL                                 | E29179                                                                                                                                                                                                                                     |
| <b>General</b>                     |                                                                                                                                                                                                                                            |
| Product Family                     | Crimp Housings                                                                                                                                                                                                                             |
| Series                             | <a href="#">30068</a>                                                                                                                                                                                                                      |
| Application                        | Power, Wire-to-Wire                                                                                                                                                                                                                        |
| Comments                           | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |
| Overview                           | <a href="#">Mini-Fit TPA2 Plugs and Receptacles</a>                                                                                                                                                                                        |
| Product Name                       | Mini-Fit® TPA                                                                                                                                                                                                                              |
| UPC                                | 800754202435                                                                                                                                                                                                                               |
| <b>Physical</b>                    |                                                                                                                                                                                                                                            |
| Circuits (maximum)                 | 8                                                                                                                                                                                                                                          |
| Color - Resin                      | Black                                                                                                                                                                                                                                      |
| Flammability                       | 94V-0                                                                                                                                                                                                                                      |
| Gender                             | Plug                                                                                                                                                                                                                                       |
| Glow-Wire Compliant                | No                                                                                                                                                                                                                                         |
| Material - Resin                   | Polyester                                                                                                                                                                                                                                  |
| Net Weight                         | 3.627/g                                                                                                                                                                                                                                    |
| Number of Rows                     | 2                                                                                                                                                                                                                                          |
| Packaging Type                     | Bag                                                                                                                                                                                                                                        |
| Panel Mount                        | No, Yes                                                                                                                                                                                                                                    |
| Pitch - Mating Interface           | 4.20mm                                                                                                                                                                                                                                     |
| Stackable                          | No                                                                                                                                                                                                                                         |
| Temperature Range - Operating      | -40°C to +105°C                                                                                                                                                                                                                            |
| <b>Electrical</b>                  |                                                                                                                                                                                                                                            |
| Current - Maximum per Contact      | 13.0A                                                                                                                                                                                                                                      |
| <b>Material Info</b>               |                                                                                                                                                                                                                                            |
| Engineering Number                 | 30068-08                                                                                                                                                                                                                                   |
| <b>Reference - Drawing Numbers</b> |                                                                                                                                                                                                                                            |
| Product Specification              | PS-45750-001-001, PS-5556-003                                                                                                                                                                                                              |
| Sales Drawing                      | SD-30068-*                                                                                                                                                                                                                                 |



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**

**China RoHS**  
**REACH SVHC**  
Not Contained Per - ED/30/2017 (7 July 2017)  
**Halogen-Free Status**  
**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[30068](#) Series

**Mates With**  
[30068](#) Plug Housing, [30069](#) Header, [30070](#) Right Angle Header, [44473](#) Right Angle Header

**Use With**  
[30072](#) Mini-Fit® TPA Key

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