

|                                                |                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------|
| Mated Height                                   | 6.98mm                                                                                         |
| Material - Metal                               | Brass                                                                                          |
| Material - Plating Mating                      | Tin                                                                                            |
| Material - Plating Termination                 | Tin                                                                                            |
| Material - Resin                               | High Temperature Thermoplastic                                                                 |
| Net Weight                                     | 0.555/g                                                                                        |
| Number of Rows                                 | 1                                                                                              |
| Orientation                                    | Right Angle                                                                                    |
| PCB Locator                                    | Yes                                                                                            |
| PCB Retention                                  | Yes                                                                                            |
| PCB Thickness - Recommended                    | 1.60mm                                                                                         |
| Packaging Type                                 | Embossed Tape on Reel                                                                          |
| Pitch - Mating Interface                       | 3.00mm                                                                                         |
| Plating min - Mating                           | 2.540µm                                                                                        |
| Plating min - Termination                      | 2.540µm                                                                                        |
| Polarized to PCB                               | Yes                                                                                            |
| Shrouded                                       | Fully                                                                                          |
| Stackable                                      | No                                                                                             |
| Temperature Range - Operating                  | -40° to +105°C                                                                                 |
| Termination Interface: Style                   | Surface Mount                                                                                  |
| <b>Electrical</b>                              |                                                                                                |
| Current - Maximum per Contact                  | 8.5A                                                                                           |
| Voltage - Maximum                              | 600V                                                                                           |
| <b>Solder Process Data</b>                     |                                                                                                |
| Duration at Max. Process Temperature (seconds) | 030                                                                                            |
| Lead-freeProcess Capability                    | REFLOW                                                                                         |
| Max. Cycles at Max. Process Temperature        | 003                                                                                            |
| Process Temperature max. C                     | 260                                                                                            |
| <b>Material Info</b>                           |                                                                                                |
| <b>Reference - Drawing Numbers</b>             |                                                                                                |
| Packaging Specification                        | 436500001-PK-000, 708730000-PK-000                                                             |
| Product Specification                          | 436500001-PS-JA-000, 436500001-PS-KO-000,<br>436500001-PS-SP-000, PS-43650-001                 |
| Sales Drawing                                  | SD-43650-005-001                                                                               |
| Symbol/Footprint Data                          | SYM-43650-0212-001                                                                             |
| Test Summary                                   | 430450004-TS-000, 430450005-TS-000,<br>TS-43045-001-001, TS-43045-002-001,<br>TS-46235-001-001 |

This document was generated on 09/08/2021

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION