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**Part Number:** [1462000001](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 698MHz-2.7GHz Cellular Ceramic Antenna, SMT

**Documents:**

|                                                           |                                                               |
|-----------------------------------------------------------|---------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                             | <a href="#">Application Specification 1462000001-AS (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                            | <a href="#">Packaging Specification 1462000001-PK (PDF)</a>   |
| <a href="#">3D Model</a>                                  | <a href="#">Datasheet (PDF)</a>                               |
| <a href="#">Product Specification 1462000001-PS (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**General**

|                |                                       |
|----------------|---------------------------------------|
| Product Family | Antennas                              |
| Series         | <a href="#">146200</a>                |
| Component Type | Surface Mount Device Antenna          |
| Function       | Signal                                |
| Overview       | <a href="#">LTE Cellular Antennas</a> |
| Product Name   | Full LTE SMT Antenna                  |
| Protocol       | Cellular                              |
| Type           | Cellular Antenna, LPWAN               |
| UPC            | 889056789929                          |

**Physical**

|                   |                       |
|-------------------|-----------------------|
| Cable Length      | N/A                   |
| Length            | 40.00mm               |
| Mounting Style    | Surface Mount         |
| Net Weight        | 3.812/g               |
| Packaging Type    | Embossed Tape on Reel |
| Polarization      | Linear                |
| Radiation Pattern | Omnidirectional       |
| Thickness         | 5.00mm                |
| Width             | 5.00mm                |

**Electrical**

|                         |                                 |
|-------------------------|---------------------------------|
| Band#1 F_End (MHz)      | 960                             |
| Band#1 F_Start (MHz)    | 698                             |
| Band#2 F_End (MHz)      | 2700                            |
| Band#2 F_Start (MHz)    | 1710                            |
| Electrical Connectivity | SMD                             |
| Peak Gain (dBi)         | 0.2 @ 698 MHz, 3.8 @ 1710 MHz   |
| Return Loss - S11 (dB)  | < -4, < -5                      |
| Total Efficiency        | >40% @ 698 MHz, >60% @ 1710 MHz |

**Material Info**

**Reference - Drawing Numbers**

|                           |                |
|---------------------------|----------------|
| Application Specification | 1462000001-AS  |
| Packaging Specification   | 1462000001-PK  |
| Product Specification     | 1462000001-PS  |
| Sales Drawing             | 1462000001-000 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[146200](#) Series

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