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**Part Number:** [2066490001](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 698MHz-960GHz Cellular Ceramic Antenna, Low-profile, SMT

**Documents:**

|                                                               |                                                             |
|---------------------------------------------------------------|-------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification 2066490001-PK (PDF)</a> |
| <a href="#">Product Specification 2066490001-PS (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Application Specification 2066490001-AS (PDF)</a> | <a href="#">Product Literature (PDF)</a>                    |

**General**

|                             |                                       |
|-----------------------------|---------------------------------------|
| Product Family              | Antennas                              |
| Series                      | <a href="#">206649</a>                |
| Component Type              | Surface Mount Device Antenna          |
| Overview                    | <a href="#">LTE Cellular Antennas</a> |
| Product Literature Order No | 987650-7481                           |
| Product Name                | 698-960MHz Ceramic SMT Antenna        |
| Protocol                    | Cellular                              |
| Type                        | Cellular Antenna                      |
| UPC                         | 191128861243                          |

**Physical**

|                   |                       |
|-------------------|-----------------------|
| Cable Length      | N/A                   |
| Length            | 20.00mm               |
| Mounting Style    | Surface Mount         |
| Net Weight        | 0.712/g               |
| Packaging Type    | Embossed Tape on Reel |
| Polarization      | Linear                |
| Radiation Pattern | Omnidirectional       |
| Thickness         | 1.20mm                |
| Width             | 10.00mm               |

**Electrical**

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| Band#1 F_End (MHz)      | 960                                                        |
| Band#1 F_Start (MHz)    | 698                                                        |
| Electrical Connectivity | SMD                                                        |
| Peak Gain (dBi)         | 0.5 @ 698 MHz, 0.8 @ 791 MHz, 0.9 @ 698 MHz, 1.1 @ 824 MHz |
| Return Loss - S11 (dB)  | < -4, < -5, < -6, < -7                                     |
| Total Efficiency        | 50% @ 698 MHz, 50% @ 791 MHz, 55% @ 698 MHz, 55% @ 824 MHz |

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Application Specification | 2066490001-AS |
| Packaging Specification   | 2066490001-PK |
| Product Specification     | 2066490001-PS |
| Sales Drawing             | 2066490001-SD |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**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**

[206649 Series](#)