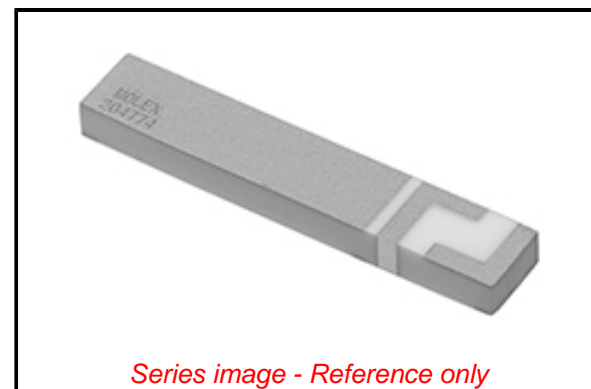


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2047740001](#)  
**Status:** **Active**  
**Overview:** LTE Cellular Antennas  
**Description:** Cellular 790-2700MHz Penta-band Ceramic Antenna

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2047740001-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2047740001-PS (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification 2047740001-AS (PDF)</a>	



**General**

Product Family	Antennas
Series	<a href="#">204774</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<u>LTE Cellular Antennas</u>
Product Literature Order No	987650-7481
Product Name	Cellular Penta-band Ceramic
Protocol	Cellular
Type	Cellular Antenna, LPWAN
UPC	191128391221

**Physical**

Cable Length	N/A
Length	33.00mm
Mounting Style	Surface Mount
Net Weight	2.150/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.00mm
Width	6.00mm

**Electrical**

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	790
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1710
Electrical Connectivity	SMD
Peak Gain (dBi)	0.6 @ 790 MHz, 4.8 @ 1710 MHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>50% @ 790 MHz, >70% @ 1710 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2047740001-AS
Packaging Specification	2047740001-PK
Product Specification	2047740001-PS
Sales Drawing	2047740001-SD

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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**

[204774 Series](#)