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

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification 2047740001-PS \(PDF\)](#)
[Application Specification 2047740001-AS \(PDF\)](#)
[Packaging Specification 2047740001-PK \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

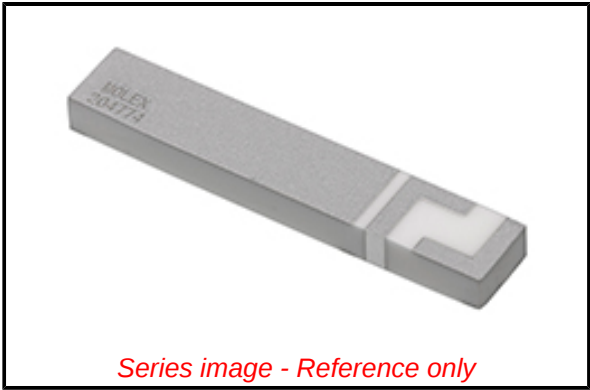
General
Product Family Antennas
Series [204774](#)
Component Type Surface Mount Device Antenna
Overview [Antennas](#)
Product Literature Order No 987650-7481
Product Name Cellular Penta-band Ceramic
Protocol Cellular
Type Cellular Antenna
UPC 191128391221

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
Impedance 50Ω
Number of Bands 7 - Cellular
Peak Gain (dBi) 0.6 @ 790M, 4.8 @ 1710M
Return Loss - S11 (dB) < -6
Total Efficiency >50% @ 790M, >70% @ 1710M

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 Contained Per - ED/01/2018 (15 January 2018) 2,4-Di-tert-butyl-6-(5- chlorobenzotriazol-2- yl)p	China RoHS
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Halogen-Free
Status
Low-Halogen
Need more information on product environmental compliance?

Email 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
[204774 Series](#)