

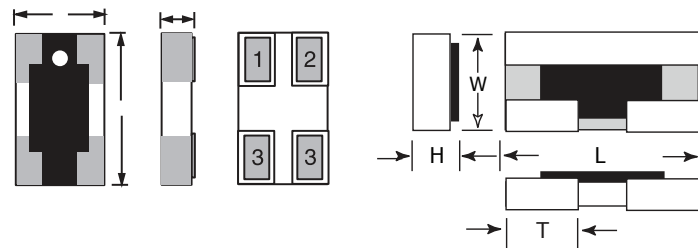


FEATURES

- 99.5% Al₂O₃ substrate material
- Ultra low noise attenuator element
- Excellent high frequency performance
- Low inductance and parasitic capacitance
- Stable characteristics over temperature and time
- Nickel barrier layer for excellent solderability and mechanical integrity
- Polyimide passivation of attenuator element
- 100% matte tin finish

DIMENSIONS

| Part | Length | Width | Height (max) | Terminal | Rated Power (70°C) | Impedance |
|--------------------|----------------|----------------|--------------|----------------|--------------------|-----------|
| A-0402WA & IMS2652 | 0.039" ± .004" | 0.020" ± .004" | 0.014" | 0.009" ± .002" | 32mW | 50Ω |
| A-0603 & IMS2533 | 0.063" ± .004" | 0.032" ± .004" | 0.020" | 0.016" ± .002" | 63mW | 50Ω |
| A-0805 & IMS1141 | 0.079" ± .008" | 0.049" ± .008" | 0.020" | 0.020" ± .008" | 100mW | 50Ω |
| A-1206 | 0.126" ± .008" | 0.063" ± .008" | 0.020" | 0.039" ± .010" | 125mW | 50Ω |



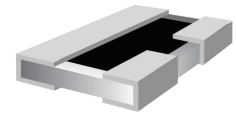
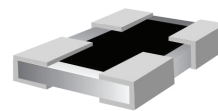
A-0402WA
IMS2652

A-0603 IMS1141
A-0805 IMS2533
A-1206

Modelithics simulated part

TERMINATIONS

WA -Full Wraparound



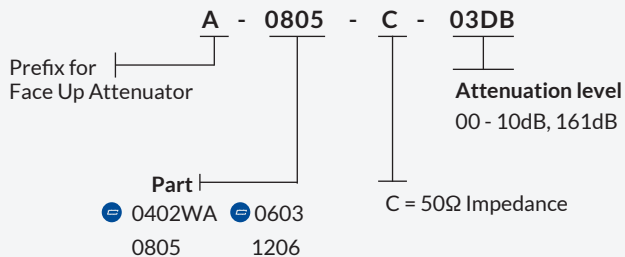
A-0402WA
IMS2652

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A-0805 IMS2533
A-1206

Modelithics simulated part

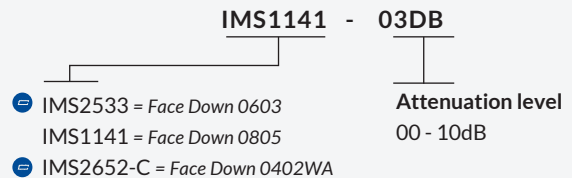
ORDERING INFORMATION

Face Up Example: 3dB, 100mW, SMT 0805 attenuator



1. A-1206 only Modelithics simulated part (A-0402WA-C & A-0603-c)

Face Down Example: 3dB, 100mW, SMT 0805 attenuator



Modelithics simulated part (IMS2533 & IMS2652)



FREE TRIAL

Evaluate IMS parts through Modelithics measurement-based simulation models.
For 90-day FREE trial visit: www.modelithics.com/mvp/ims

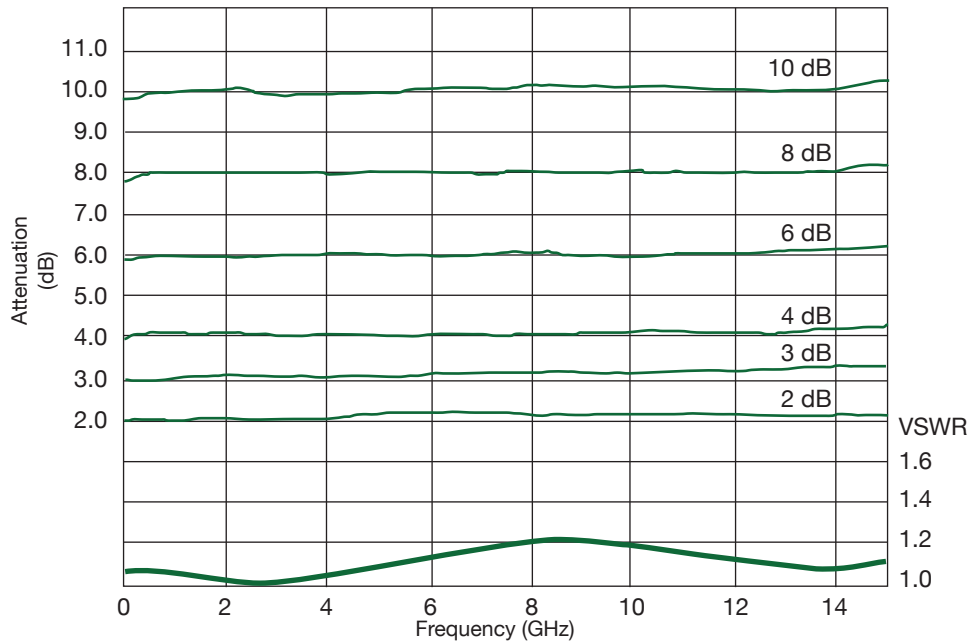
Packaging: T=Tape and Reel, B=Bulk
RoHS Compliant =

RoHS KIT

ATTENUATION RANGES

The A-Series is available in values from 0dB to 10dB in 1dB increments. Standard impedance is 50Ω.

Frequency Characteristics (A-0805)*



*Performs within spec to 20GHz when mounted face down.

