

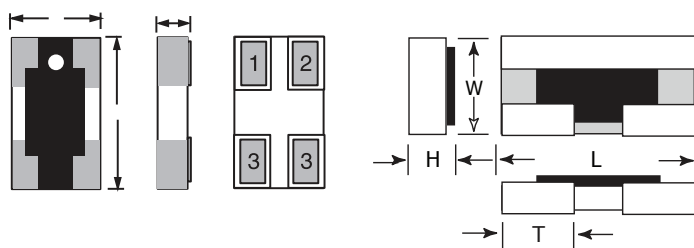
FEATURES

- 99.5% Al_2O_3 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

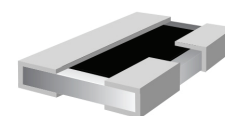
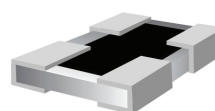
A-0603
A-0805
A-1206

IMS1141
IMS2533

Modelithics simulated part

TERMINATIONS

WA -Full Wraparound



A-0402WA
IMS2652

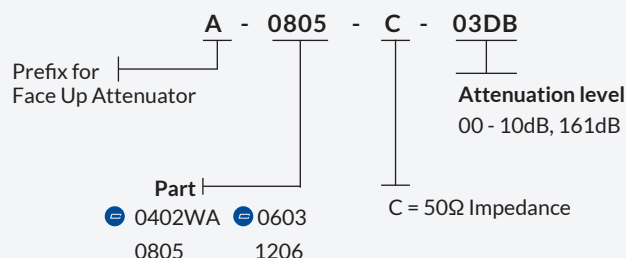
A-0603
A-0805
A-1206

IMS1141
IMS2533

Modelithics simulated part

ORDERING INFORMATION

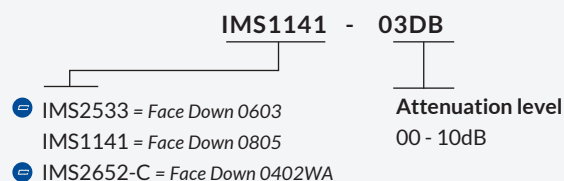
Face Up Example: 3dB, 100mW, SMT 0805 attenuator



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)

Modelithics®
Vendor Partner

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 =

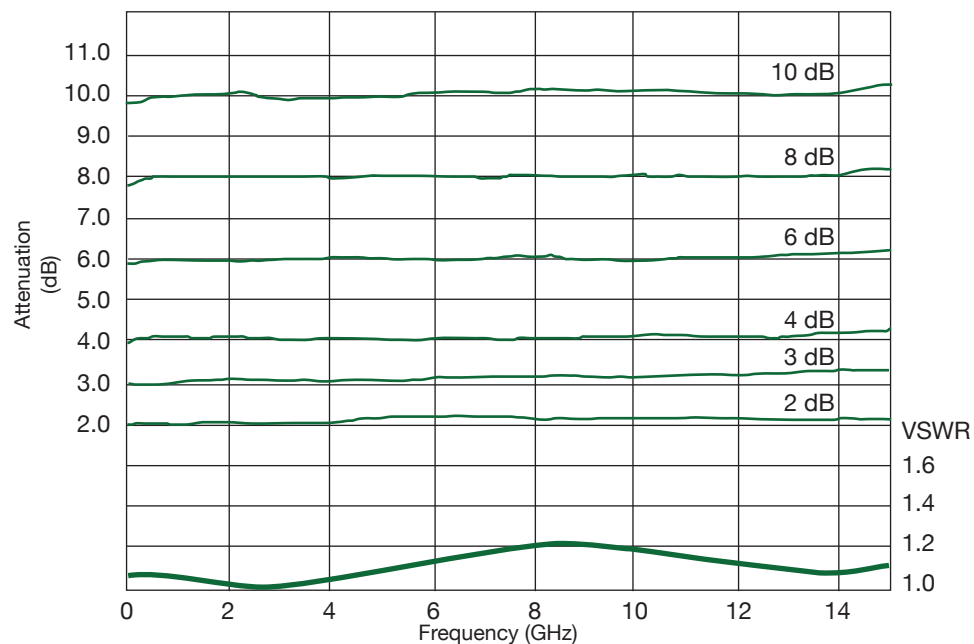
RoHS

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.

