

Thin Film Surface Mount Chip Attenuator

RoHS KIT

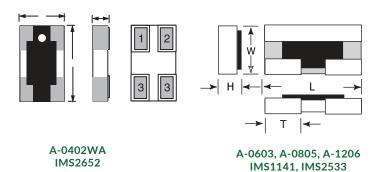
FEATURES

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



TERMINATIONS

WA -Full Wraparound

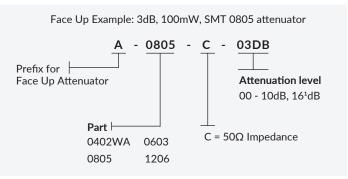


A-0402WA IMS2652



A-0603, A-0805, A-1206 IMS1141, IMS2533

ORDERING INFORMATION



1. A-1206 only

Packaging: T=Tape and Reel, B=Bulk

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IMS1141 03DB

IMS2533 = Face Down 0603 IMS1141 = Face Down 0805

IMS2652-C = Face Down 0402WA

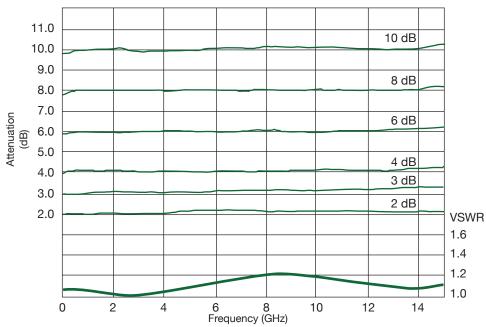
Attenuation level 00 - 10dB



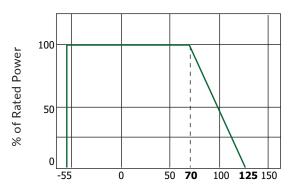
ATTENUATION RANGES

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.



Ambient Temperature (°C)