

Packaging: B=Bulk, T=Tape and Reel
 RoHS Compliant =
 ULR = Ultra Leach Resistant

FEATURES

ITEM	SPECIFICATION
Impedance:	50Ω Nominal
VSWR (Max) ¹ :	1.3:1 up to 18 GHz
DC Attenuation Stability ² :	.0001dB/dB/°C
Operating Temperature:	-55°C to 150°C
Attachment:	Solder, Epoxy or Wirebond
Architecture:	Thick Film on 96% Alumina

- Up to 70 dB
- 0.2 dB accuracy
- 15W input power

1. Mounted in a matched continuous 50Ω system. 2. Based on TCR and resistor tolerance at DC.

Part	Length x Width	Height (max)	Rated Power @ 100°C	Impedance
0706	0.075" x 0.060"	0.020"	300 mW	50Ω
0805	0.080" x 0.050"	0.020"	400 mW	50Ω
1206	0.126" x 0.063"	0.020"	1 W	50Ω
2010	0.197" x 0.097"	0.028"	3 W	50Ω
2512	0.248" x 0.126"	0.028"	5 W	50Ω
3725	0.375" x 0.250"	0.028"	15 W	50Ω

Attenuation Accuracy

Increment	Accuracy
1 - 3.5 dB	+/- 0.2dB
4 - 13 dB	+/- 0.3dB
13.5 - 70 dB	+/- 0.5dB

ORDERING INFORMATION

Example: IA 3 - 1206 SG 02 D5

Prefix for attenuators screened on Alumina | **IA**

Termination Material | **3**

- 1 Au (0706 SS only)
- 3 PtAg
- 8 PtAg ULR
 - C PtAg w/ Sn62 Solder
 - H PtAg w/ Sn62 Solder ULR
- P PtAg w/ Sn96 Solder
- R PtAg w/ Sn96 Solder ULR

Size | **1206**

Termination Style | **SG**

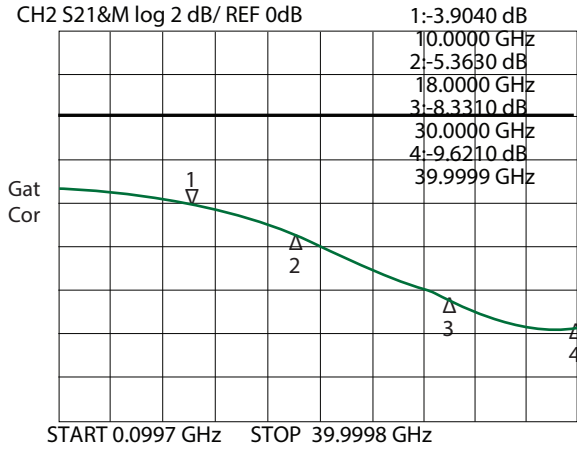
- SG - Single Wrap to Groundplane
- WA - Wraparound
- SS - Single Sided (0706 Only)
- PW - Partial Wrap

dB Increment | **02**

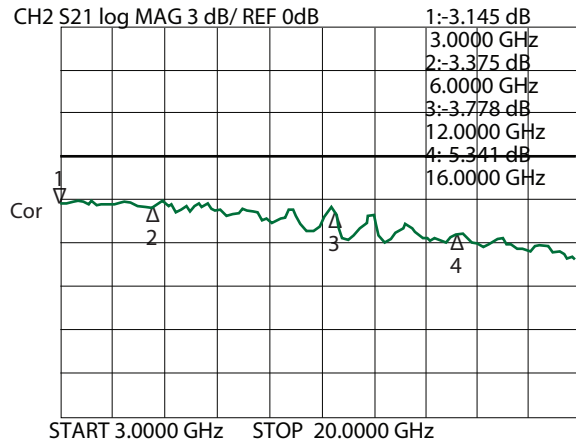
(D0 denotes whole value)
 - OR -
 (D5 denotes whole value + .5dB available up to 16.5dB)

dB Whole Value (00-70) | **D5**

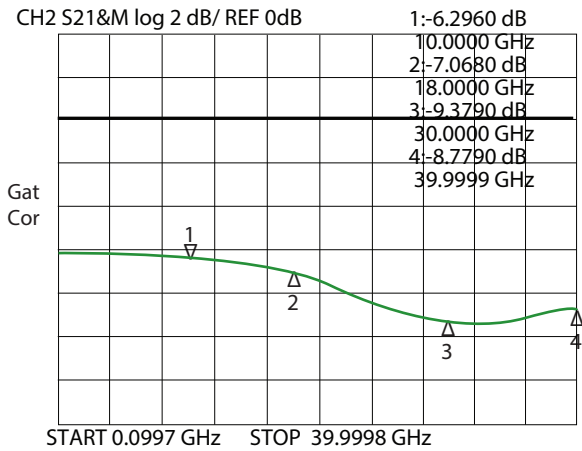
IAX-0706SS03D0 Insertion Loss



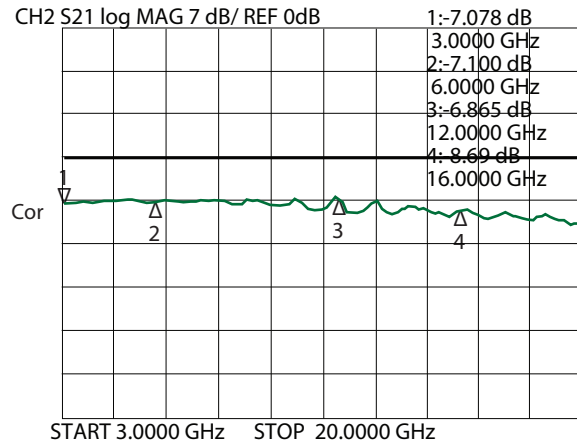
IAX-1206WA03D0 Insertion Loss



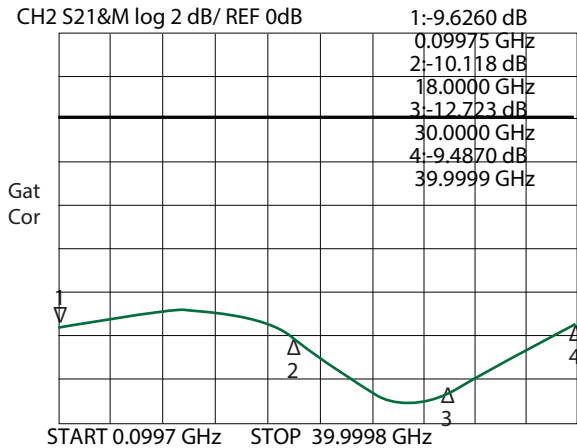
IAX-0706SS06D0 Insertion Loss



IAX-1206WA07D0 Insertion Loss



IAX-0706SS10D0 Insertion Loss



IAX-1206WA19D0 Insertion Loss

