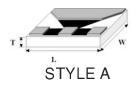
State of the Art, Inc. FIXED CHIP ATTENUATORS Thin Film



Top Terminations



STYLE C

Wrap Around (3 places)



STYLE D

Top Terminations
Metallized Bottom



STYLE E

Single Wrap Around Metallized Bottom

SIZES	and	RATINGS
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SIZE CODE	LENGTH (inches)	WIDTH (inches)	THICKNESS (inches)	MAXIMUM VOLTAGE	MAXIMUM POWER*	ATTENUATION
1005	.100"	.050"	.015"	75	.25 Watt	1-20 dB
1512	.150"	.125"	.015"	100	.5 Watt	1-20 dB
0706	.075"	.060"	.010"	50	.125 Watt	1-20 dB

^{*}Power ratings listed are for attenuators constructed on alumina, consult factory for ratings using BeO.

PART NUMBERING

S 1512 E C 10B0 D B

| TERMINATION | B: Ni barrier pretinned | W: Au wire bondable | C: Pd Ag epoxy bondable

TOLERANCES
D: ±.5dB F: ±1dB

ATTENUATION FACTOR

Three significant digits, with the letter B as the decimal in 1/2 dB increments.

CONSTRUCTION CODE
C: Alumina D: BeO

TERMINATION STYLE A, C, D, E (see above)

SIZE CODE - SEE TABLE ABOVE.

S: Standard Production

H: High Reliability (see options)

PERFORMANCE

Frequency DC - 18GHz

VSWR 1.20 : 1 DC - 4 GHZ

1.30 : 1 4 - 8 GHz 1.50 : 1 8 - 10 GHz

CONSTRUCTION

Substrate Type - Alumina or BeO Resistor Material - Thick or Thin film

Termination Material - SnPb w/nickel barrier, Gold, PdAg

PACKAGING

Individual lot quantities are packaged in conductive waffle packs. Tape & Reel Packaging is an available option.

OPTIONS

TESTING: Environmental and electrical

100% visual

Customer specified testing

SIZES: Other sizes can be manufactured. Consult factory with requirements

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