Electrical Specifications:

Frequency Range: 1.8 – 2.0 Ghz
Insertion Loss: 4.4 dB Max
Phase Shift: 360 degree Min
Control Voltage: 0-20 Vdc Max
VSWR Input: 1.90:1 Max
VSWR Output: 1.90:1 Max
Input Power: +5 dBm Max

Input power is rated for load VSWR better than 1.20:1

Typical Phase vs Voltage at Fc=1900 Mhz

Phase degrees

Voltage Vdc

0 2 4 6 8 10 12

0 50 100 150 200 250 300 350 400

SigaTek

423 Black Oak Ridge Rd.
Wayne, NJ 07470
Ph: 973-706-8475, Fax: 973-832-4435
www.sigatek.com

SF31A7

Analog Phase Shifters

CAGE CODE : 69UC1

Dimensions are in inches and (mm)

Decimal Tolerance:
2 place ±0.020
3 place ±0.010

Notes: All dimensions are typical unless they are specified.
Specifications are subject to change at any time without any notice.
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