

Product Specification

CMIVCPS01000200A Voltage Control Phase Shifter 1 - 2 GHz

Electrical Specifications

Parameter	Specification
Frequency Range	1 ~ 2 GHz
Phase Range	360° Typ.
Insertion Loss	4.5 dB Typ. 5.5 dB MAX
Insertion Loss Temperature Coefficient	0.16 dB/ °C Typ.
Phase Flatness	±15° MAX
Control Voltage	0.0 V MIN 12.0 V Typ.
Input VSWR	2.2 :1 Typ. 2.5 :1 MAX
Output VSWR	2.2 :1 Typ. 2.5 :1 MAX
0.1 dB Compression Point (P0.1dB)	25 dBm Typ.
Current	5 mA
Impedance	50 Ω
Weight	0.6 Ounces
Input / Output Connectors	SMA-Female
Finish	Gold Plated
Material	Aluminum
Altitude	30,000 ft. (Epoxy Sealed Controlled Environment)
	60,000 ft 1.0 psi min (Hermetically Sealed Un-Controlled Environment) [Optional]
Vibration	25 gRMS [15 degrees 2 kHz] endurance, 1 hr/axis
Humidity	100% RH @ 35° C, 95% RH @ 40° C
Shock	20 G for 11 msec Half Sine Wave, 3 Axis Both Directions
Dimensions	See Attached Drawing (Dimensions are in mm)

Absolute Maximum Ratings

Control Voltage,	0 ~ +15V
RF Input Power	+27 dBm

Outline Drawing

