

Features

- Smallest size 3.0×3.0×1.25mm, surface mounting package.
- Ceramic package for surface mounted technology.
- Package code DCC6C.
- Electrostatic Sensitive Devices (ESD).
- High frequency from 150MHz to 2442MHz.
- Automatic mounting and soldering reflow.
- Applications for automotive electronics, Remote control, and more.
- RoHS Compliant / Pb-Free.

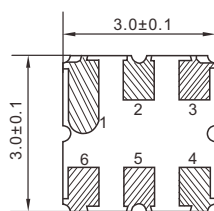


Electrical Specifications

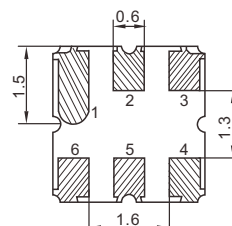
Item		Minimum	Type	Maximum	Unit
Center Frequency	fc		433.92		MHZ
Insertion Loss (min.)	IL		1.8	2.0	dB
Insertion Loss	433.00~434.71MHz	IL	2.0	2.5	dB
Amplitude Ripple (p-p)	433.00~434.71MHz	Δ_{\square}	0.5	1.0	dB
Group Delay Ripple	433.00~434.71MHz	GDR	20.0	50.0	ns
Absolute Attenuation					
	DC~380.00MHz		55.0	60.0	dB
	380.00~413.50MHz		50.0	55.0	dB
	413.50~424.00MHz		43.0	48.0	dB
	443.75~454.00MHz		35.0	40.0	dB
	454.00~470.00MHz		45.0	50.0	dB
	470.00~650.00MHz		50.0	55.0	dB
	650.00~1000.00MHz		45.0	50.0	dB
Input VSWR	433.00~434.71MHz		1.8:1	2.0:1	/
Output VSWR	433.00~434.71MHz		1.8:1	2.0:1	/
DC Voltage	V _{DC}		3		V
Operating Temperature	T		-40~+85		°C
Storage Temperature	T _{stg}		-55~+125		°C
RF Power Dissipation	P		15		dBm

Dimensions

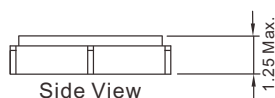
Units:mm



Top View



Bottom View



Side View

Pin Connection

Name	Connection
Pin 1	GND
Pin 2	INPUT
Pin 3	GND
Pin 4	GND
Pin 5	OUTPUT
Pin 6	GND