

BlueChip™

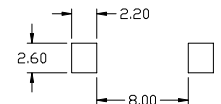
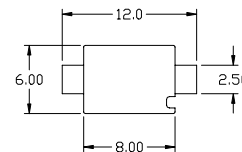
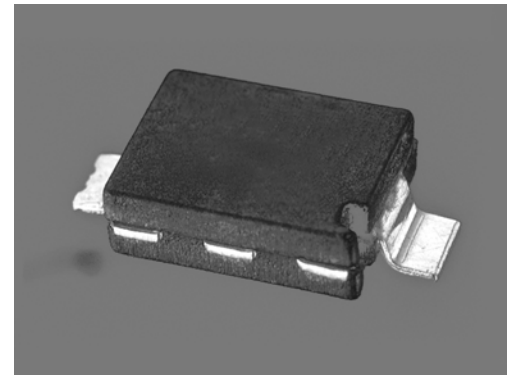
Part Number (P/N):
CAF95901

Features:

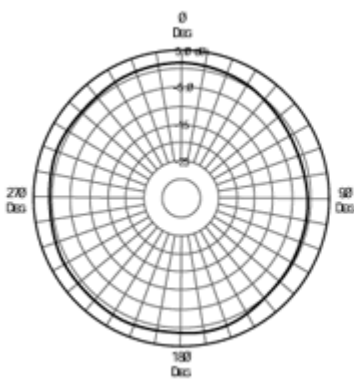
- Small and lightweight
- Omnidirectional, azimuth plane
- Wide bandwidth
- PCB surface mount
- Internal mounting
- Available in tape and reel packaging
- Solder reflow-able

Specifications:

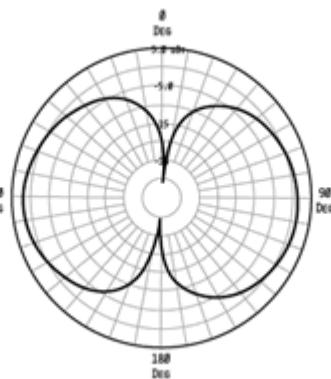
Frequency Range	2.4 – 2.5 GHz
Polarization	Linear
Peak Gain	>2.0 dBi
Average Gain	>0 dBi
Nominal Impedance	50 ohms
VSWR (Min. Performance)	<2.0:1 across band
Temperature Range	-40° to +85°C
Vibration	6G RMS (9.04g ² /Hz) for 15 minutes each in vertical and horizontal. No appearance or functional axis.
Thermal Shock	Change after 4 repeated cycles of 1 hr. at +85°C and 1 hr. at -40°C. Transfer time is 5 min.
Radiating Element Size	8mm x 6mm x 2.5mm (l x w x h)
Physical Mass	0.21 grams
Length w/ Solder Tabs	12mm



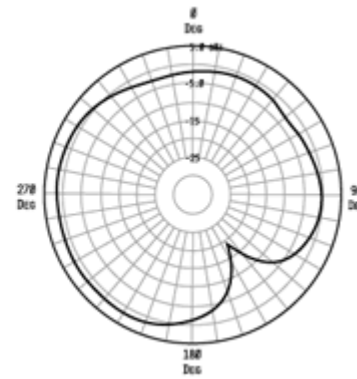
SOLDER PAD LAYOUT



Free Space Azimuth Pattern



Free Space Elevation
Pattern PHI=0



Free Space Elevation
Pattern PHI=90

Specifications subject to change without notice

BlueChip – 7/1/02