

### ELECTRICAL CHARACTERISTICS

Antenna	Frequency	• 2400 - 2485 MHz
	Impedance	• 50 Ohms
	Gain	• Unity / 2.14 dBi
	Polarization	• Linear
	Max Power Input	• 3 Watts
	Max VSWR	• 2.0:1
	DC Impedance	• 50kΩ (through RF blocking inductor, for diagnosis)

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RAD**  
RADIALL AUTOMOTIVE DIVISION  
3801 NE 109<sup>th</sup> Ave, Suite J  
Vancouver, WA 98682

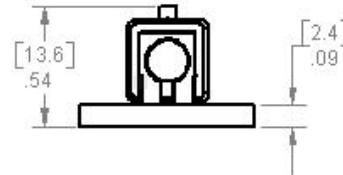
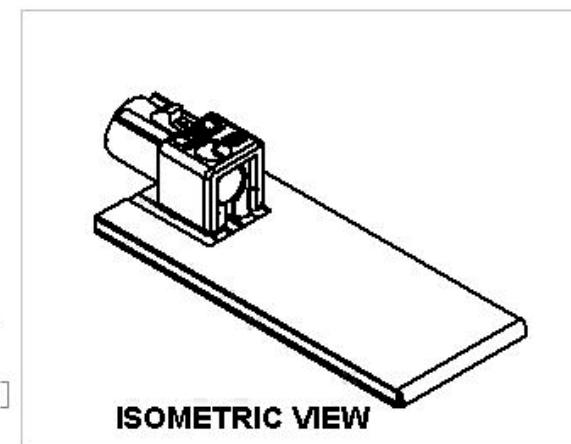
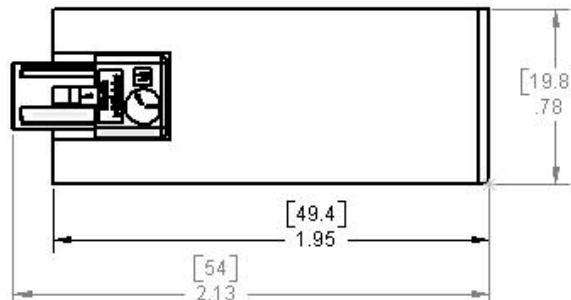
## ELECTRICAL INTERFACE

## Connector

- FAKRA-Type Board Mount SMB Carlock  
R197.160.A00, Code A, Color Black

## MECHANICAL CHARACTERISTICS

DIMENSIONS ARE IN INCHES  
DIMENSIONS IN [ ] ARE IN MM



Size	Length = 1.95 in (49.4 mm) Circuit board only Width = .78 in (19.8 mm) Height = 0.09 in (2.4 mm) Circuit board only
Shape	Small and aesthetically pleasing appearance
Key Features	<ul style="list-style-type: none"> <li>• High Reliability, Fully Integrated PC Board Design</li> <li>• PCB Material: FR-4 Fiber Glass</li> <li>• Radome Material: Black Lexan® FR-83 Film</li> </ul>

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**STEALTH BLADE ANTENNA, BOARD MOUNT, BLUETOOTH  
2400MHz****1202**

Series: Automotive

**ENVIRONMENTAL CHARACTERISTICS**

Operating Temperature	-40°C to +90°C
Storage Temperature	-40°C to +90°C
Connector	
Durability (Matings)	100
Center contact retention force	10 N min
Housing engagement force	≥ 80 N
Housing separation force	15 – 35 N
Maximum Weight	< 20g

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

  
RAD  
RADIALL AUTOMOTIVE DIVISION  
3801 NE 109th Ave, Suite J  
Vancouver, WA 98682