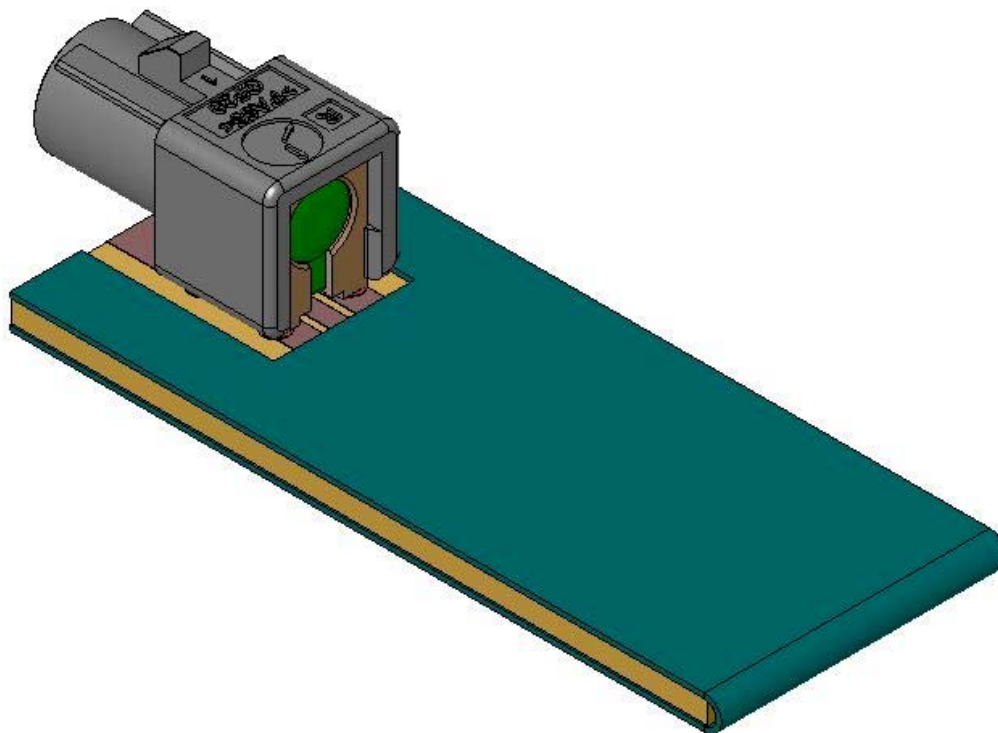


**STEALTH BLADE ANTENNA, BOARD MOUNT, BLUETOOTH
2400MHz****1202**

Series: Automotive

**ELECTRICAL CHARACTERISTICS**

Antenna	Frequency	<ul style="list-style-type: none"> • 2400 - 2485 MHz
	Impedance	<ul style="list-style-type: none"> • 50 Ohms
	Gain	<ul style="list-style-type: none"> • Unity / 2.14 dBi
	Polarization	<ul style="list-style-type: none"> • Linear
	Max Power Input	<ul style="list-style-type: none"> • 3 Watts
	Max VSWR	<ul style="list-style-type: none"> • 2.0:1
	DC Impedance	<ul style="list-style-type: none"> • 50kΩ (through RF blocking inductor, for diagnosis)

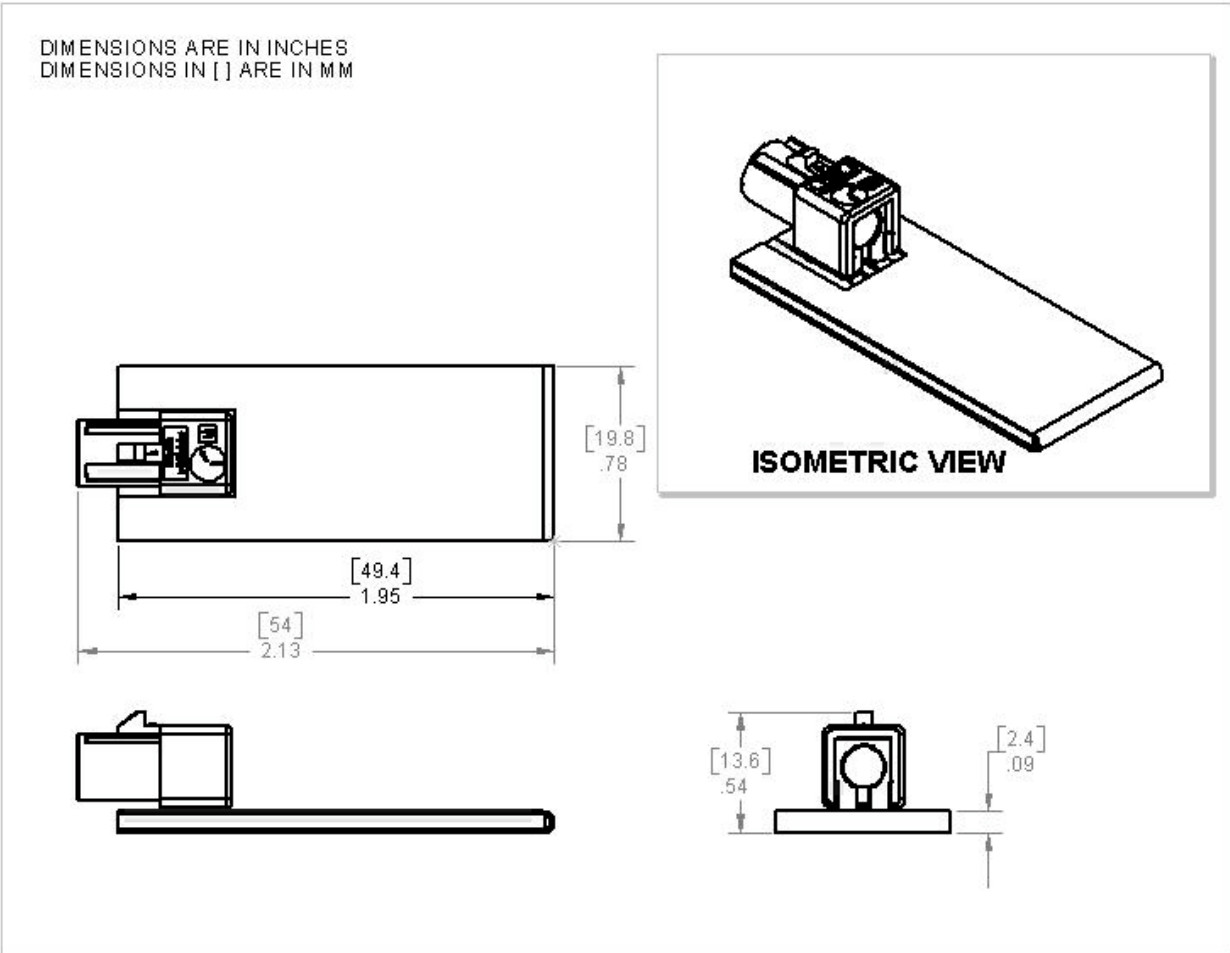

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



RADIAL AUTOMOTIVE DIVISION

3801 NE 109th Ave, Suite J

Vancouver, WA 98682

TECHNICAL DATA SHEET		Sheet 2 of 3
STEALTH BLADE ANTENNA, BOARD MOUNT, BLUETOOTH 2400MHz		1202 Series: Automotive
ELECTRICAL INTERFACE		
Connector	• FAKRA-Type Board Mount SMB Carlock R197.160.A00, Code A, Color Black	
MECHANICAL CHARACTERISTICS		
<div><div><p>DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE IN MM</p></div></div>		
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	• High Reliability, Fully Integrated PC Board Design	
	• PCB Material: FR-4 Fiber Glass	
	• Radome Material: Black Lexan® FR-83 Film	
<div><div><p>In the effort to improve our products, we reserve the right to make changes judged to be necessary.</p></div><div> RADIALL AUTOMOTIVE DIVISION 3801 NE 109th Ave, Suite J Vancouver, WA 98682</div></div>		

TECHNICAL DATA SHEET		Sheet 3 of 3
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 seperation force	15 – 35 N	
Maximum Weight	< 20g	