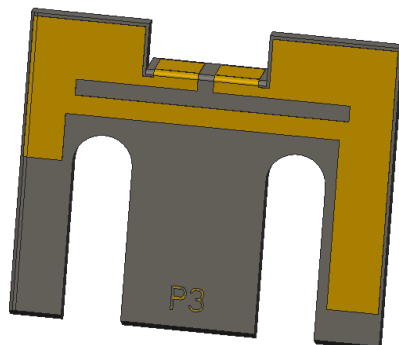




Features & Applications:

- Body Camera

ELECTRICAL SPECIFICATIONS @ 25°C

General Specifications

Antenna type	Nominal Impedance	Polarization	Radiation pattern
PIFA	50Ω	Vertical	Omni

Frequency (MHz)	2.4 ~ 2.5 GHz/5.15 ~ 5.85 GHz
Return Loss	≤ -5dB
Efficiency (dB)	2.4 ~ 2.5 GHz band: ≤ -6.5dB 5.15 ~ 5.85 GHz band: ≤ -8.5dB

MECHANICAL SPECIFICATIONS

SZ3154C

Dimension (Length x Width x Height)	Antenna Type	Plating Spec	Material of Plastic	Weight
23mm*3.7mm*19.2mm	LDS	Cu 12-16um, Ni 2-4um, Au Min0.05um	PC, SABIC DX11355	0.6 g

ENVIRONMENTAL SPECIFICATIONS

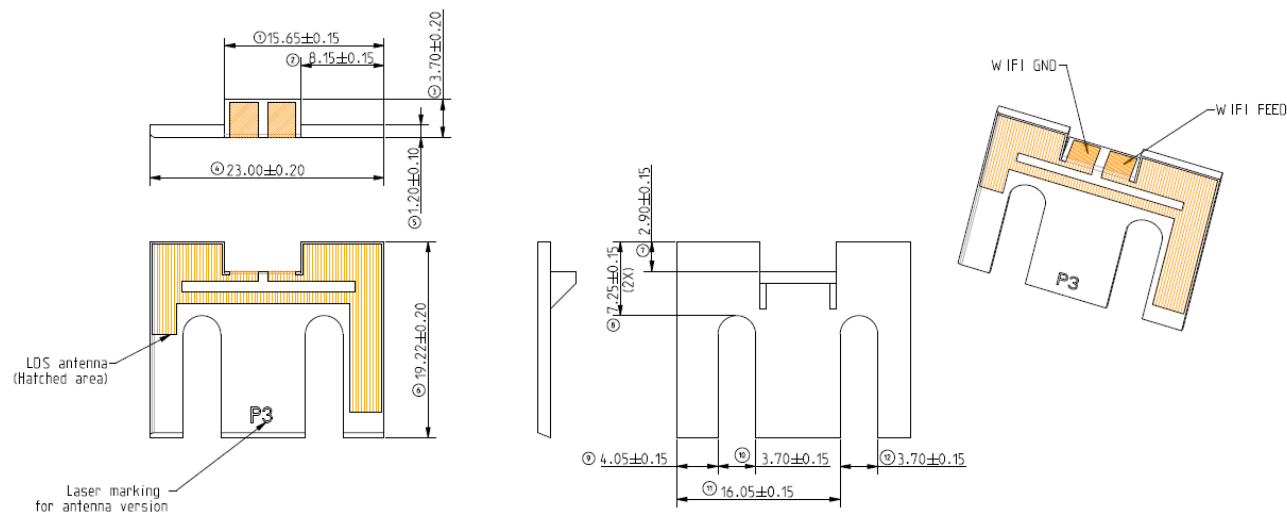
SZ3154C

Operating Temperature	Storage Temperature	RoHS Compliant
-30 / +80° C	-30 / +80° C	Yes

ELITE WIFI ANTENNA
SZ3154C

MECHANICAL DRAWING

SZ3154C

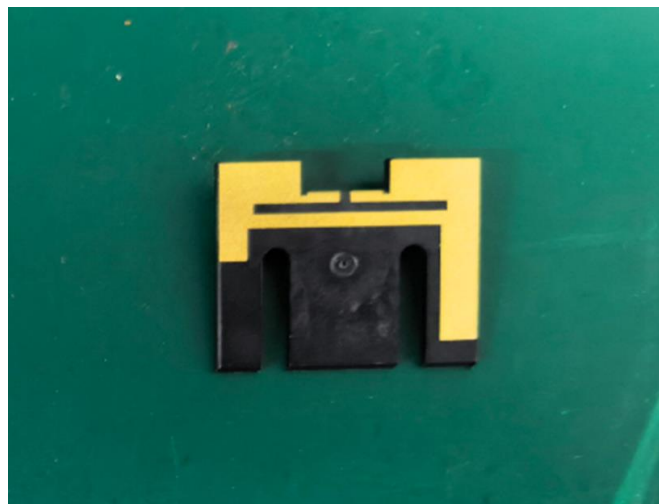


Dimension Unit: mm

ELITE WIFI ANTENNA
SZ3154C

Device 3D Picture

SZ3154C



Charts- Antenna Return Loss

SZ3154C



Table- Antenna Efficiency (dB)

Frequency	Efficiency (dB)	Gain(dBi)	%
2400 MHz	-5.94	-0.71	25.5%
2410 MHz	-5.72	-1.23	26.8%
2420 MHz	-5.71	-1.31	26.9%
2430 MHz	-5.7	-1.33	26.9%
2440 MHz	-5.84	-1.69	26.1%
2450 MHz	-6.21	-2.07	23.9%
2460 MHz	-6.5	-2.48	22.4%
2470 MHz	-6.77	-2.83	21.0%
2480 MHz	-6.78	-2.88	21.0%
2490 MHz	-6.98	-3.25	20.0%
2500 MHz	-7.08	-3.01	19.6%
5150 MHz	-8.82	-2.75	13.1%
5200 MHz	-8.28	-1.81	14.9%
5250 MHz	-8.32	-1.72	14.7%
5300 MHz	-8.33	-1.52	14.7%
5350 MHz	-8.42	-1.58	14.4%
5400 MHz	-8.22	-1.51	15.1%
5450 MHz	-7.8	-1.85	16.6%
5500 MHz	-7.56	-2.01	17.5%
5550 MHz	-7.21	-2.36	19.0%
5600 MHz	-6.68	-1.1	21.5%
5650 MHz	-6.66	-0.76	21.6%
5700 MHz	-6.58	-0.7	22.0%
5750 MHz	-6.06	-0.54	24.8%
5800 MHz	-6.41	-1.44	22.9%
5850 MHz	-6.43	-1.78	22.8%
5870 MHz	-6.35	-1.5	23.2%
5880 MHz	-6.23	-1.31	23.8%

For more information

Americas - antennas.us@pulseelectronics.com | Europe - antennas.eu@pulseelectronics.com | Asia - antennas.as@pulseelectronics.com |
Questions? +1-800-ANTENNA

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright , 2020. Pulse Electronics, Inc. All rights reserved.

Company address: Pulse Electronics, a YAGEO Company, 15255 Innovation Drive, Suite #100, San Diego, CA 92128.

'YAGEO Corporation and its affiliates do not recommend the use of commercial, automotive, and/or COTS grade products for high reliability applications or manned space flight.'