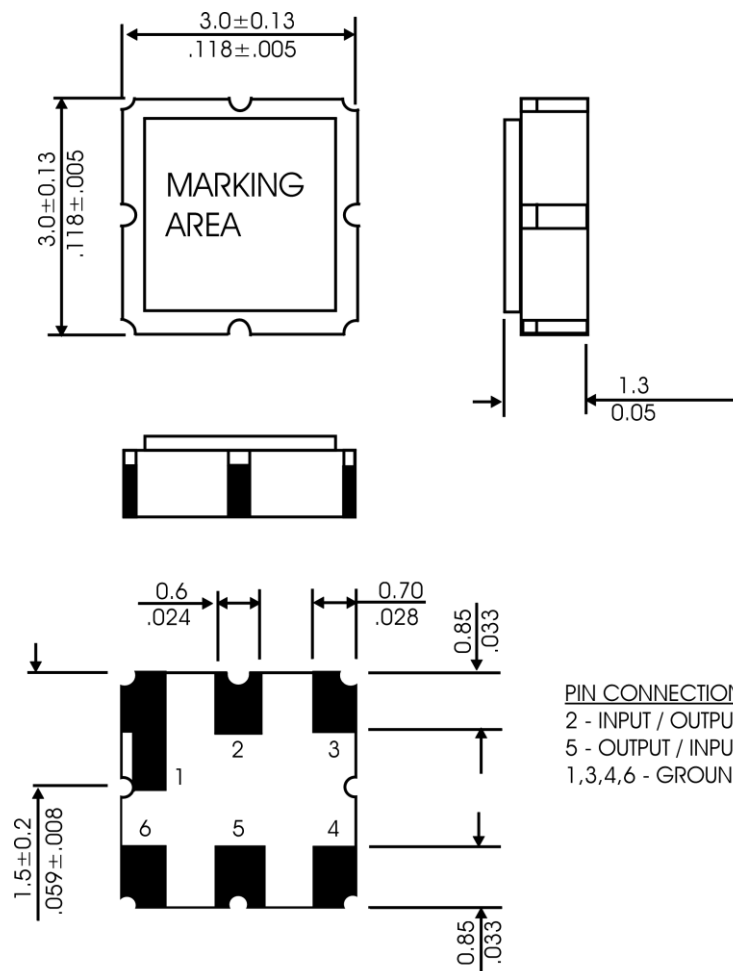
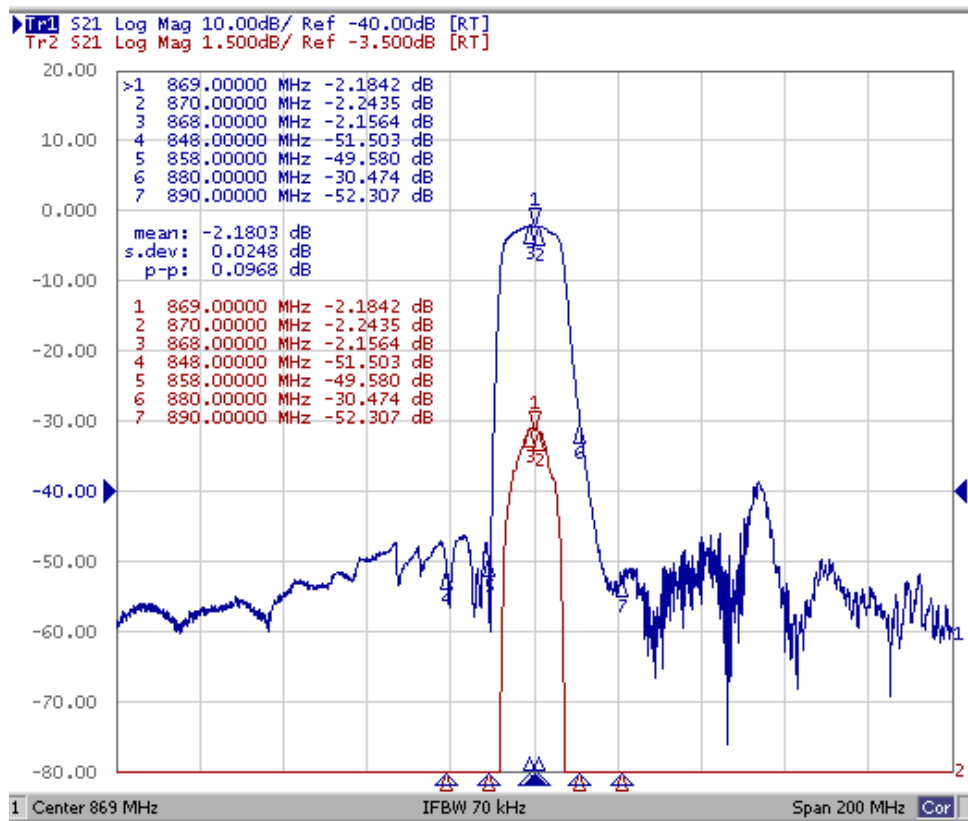


Items	Specification	Unit
Center frequency (fo)	869.000	MHz
Bandwidth	2000	kHz
Insertion Loss (BW), Typ/Max	2.2 / 3.5	dB
Amplitude Ripple (BW), Typ/Max	0.2 / 1.5	dB
Relative Attenuation Min/Typ	0.3 MHz ~ 849 MHz	-40 / -50
	849 MHz ~ 858 MHz	-30 / -45
	880 MHz ~ 889 MHz	-20 / -30
	889 MHz ~ 980 MHz	-35 / -50
	980 MHz ~ 1500 MHz	-40 / -50
DC Voltage, maximum	10	V
In/Out Impedance	50	Ω
Input Power, max	20	dBm
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-45 to +85	$^{\circ}\text{C}$

Dimension



Frequency Characteristics



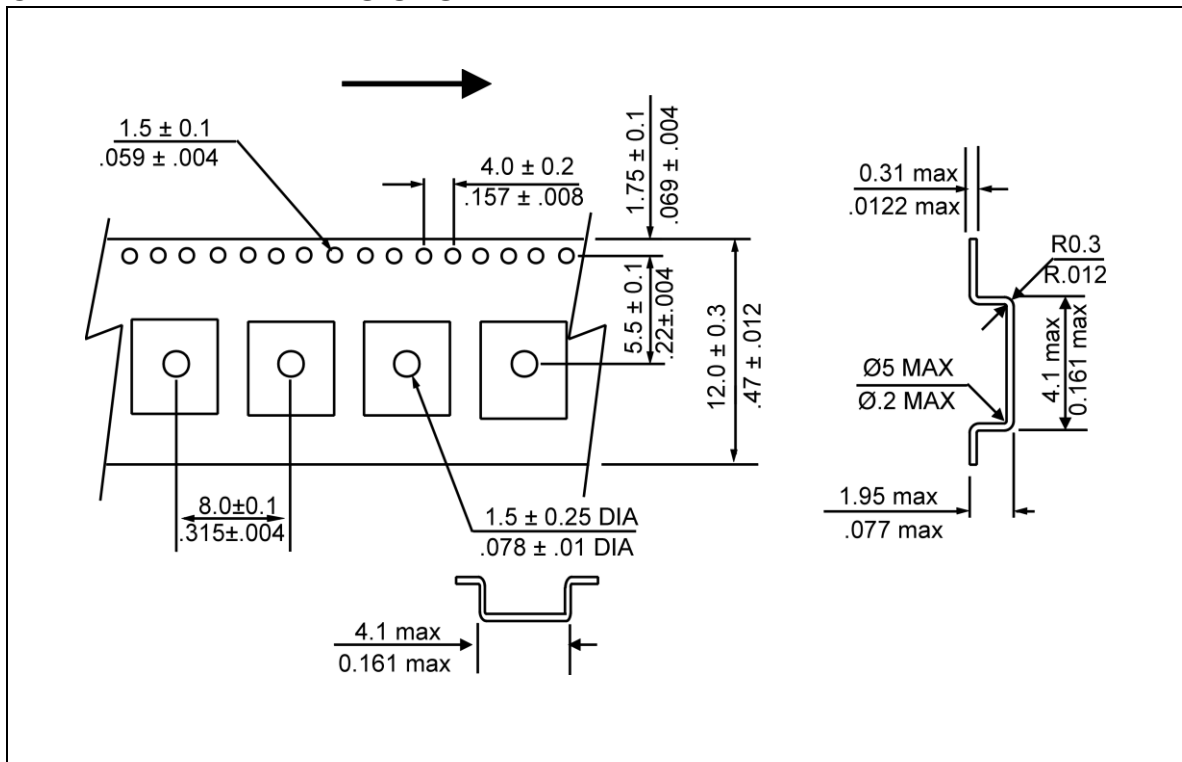
Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS	Compliant
ELECTROSTATIC SENSITIVE DEVICE	Yes



TAPE AND REEL

- CARRIER TAPE DIMENSIONS**



- PACKAGING**

178 mm REEL DIAMETER
12 mm TAPE WIDTH, 8 mm PITCH
QUANTITY: 1000 PIECES PER REEL

IN ACCORDANCE WITH EIA-481

MARKING

R869

•xyw

x – Internal Production ID code

y – Year code

w – Week code

YEAR CODE	
Year	Code
2019	9
2020	0
2021	1
2022	2
2023	3
2024	4
2025	5
2026	6
2027	7
2029	8
2029	9

ALPHA WEEK CODE TABLE					
Week	Code	Week	Code	Week	Code
1	a	19	s	37	K
2	b	20	t	38	L
3	c	21	u	39	M
4	d	22	v	40	N
5	e	23	w	41	O
6	f	24	x	42	P
7	g	25	y	43	Q
8	h	26	z	44	R
9	i	27	A	45	S
10	j	28	B	46	T
11	k	29	C	47	U
12	l	30	D	48	V
13	m	31	E	49	W
14	n	32	F	50	X
15	o	33	G	51	Y
16	p	34	H	52	Z
17	q	35	I		
18	r	36	J		

APPROVAL

RALTRON	
DRAWN BY	CP, October 30, 2015
APPROVED BY	CP, October 30, 2015
REVISION	A, Initial Release
	B, Corrected Mechanical Dimensions, F. Parra, 21 December 2015
	C, Added Input Power value, CP, January 17, 2017
	E, Added ESD, AR, January 31, 2021

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