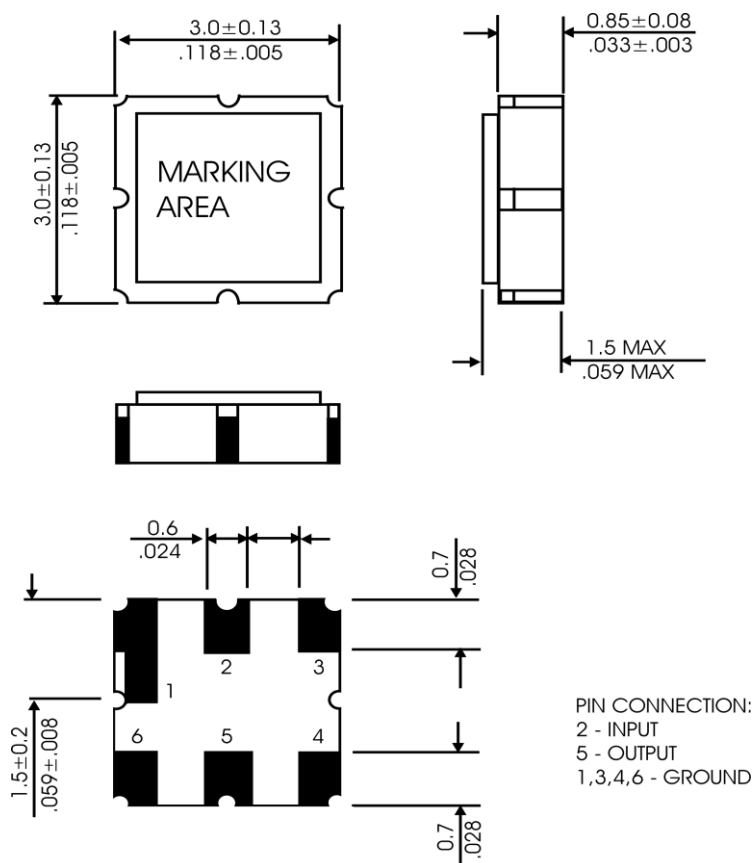
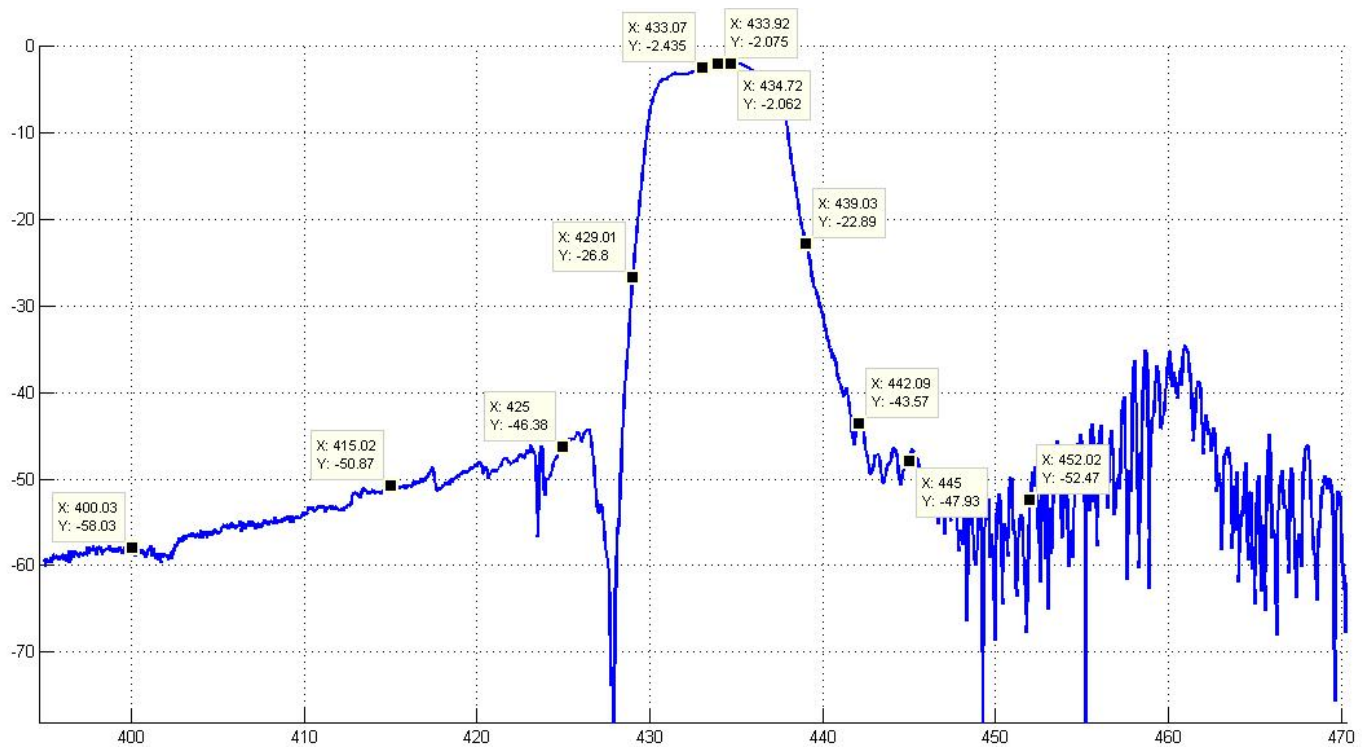


Items		Specification	Unit
Center frequency (fo)		433.920	MHz
Bandwidth		1600	kHz
Insertion Loss (BW), Maximum		3.2	dB
Amplitude Ripple (BW), Maximum		1.3	dB max
Relative Attenuation	10 MHz ~ 400 MHz	55	dB min
	400 MHz ~ 415 MHz	45	dB min
	415 MHz ~ 425 MHz	42	dB min
	425 MHz ~ 428 MHz	21	dB min
	440 MHz ~ 442 MHz	12	dB min
	442 MHz ~ 445 MHz	28	dB min
	445 MHz ~ 452 MHz	40	dB min
	452 MHz ~ 750 MHz	30	dB min
750 MHz ~ 2500 MHz		32	dB min
VSWR (BW), maximum		2.0	
RF Power Dissipation, maximum		14 dBm	
In/Out Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

Dimension



Frequency Characteristics



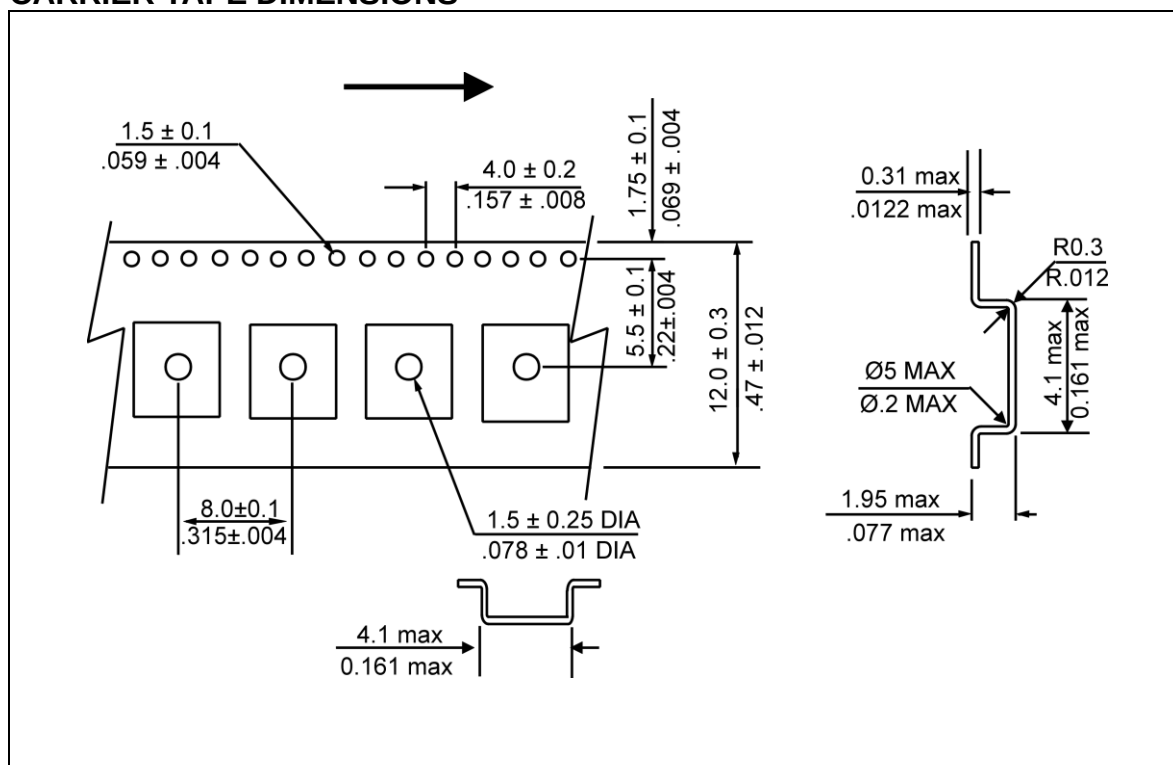
Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



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

R433

•xyw

x – Internal Production ID code

y – Year code

w – Week code

YEAR CODE	
Year	Code
2011	1
2012	2
2013	3
2014	4
2015	5
2016	6
2017	7
2018	8
2019	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

DRAWN BY	F. Parra, 13 October 2015
APPROVED BY	F. Parra, 13 October 2015
REVISION	A, Initial Release

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