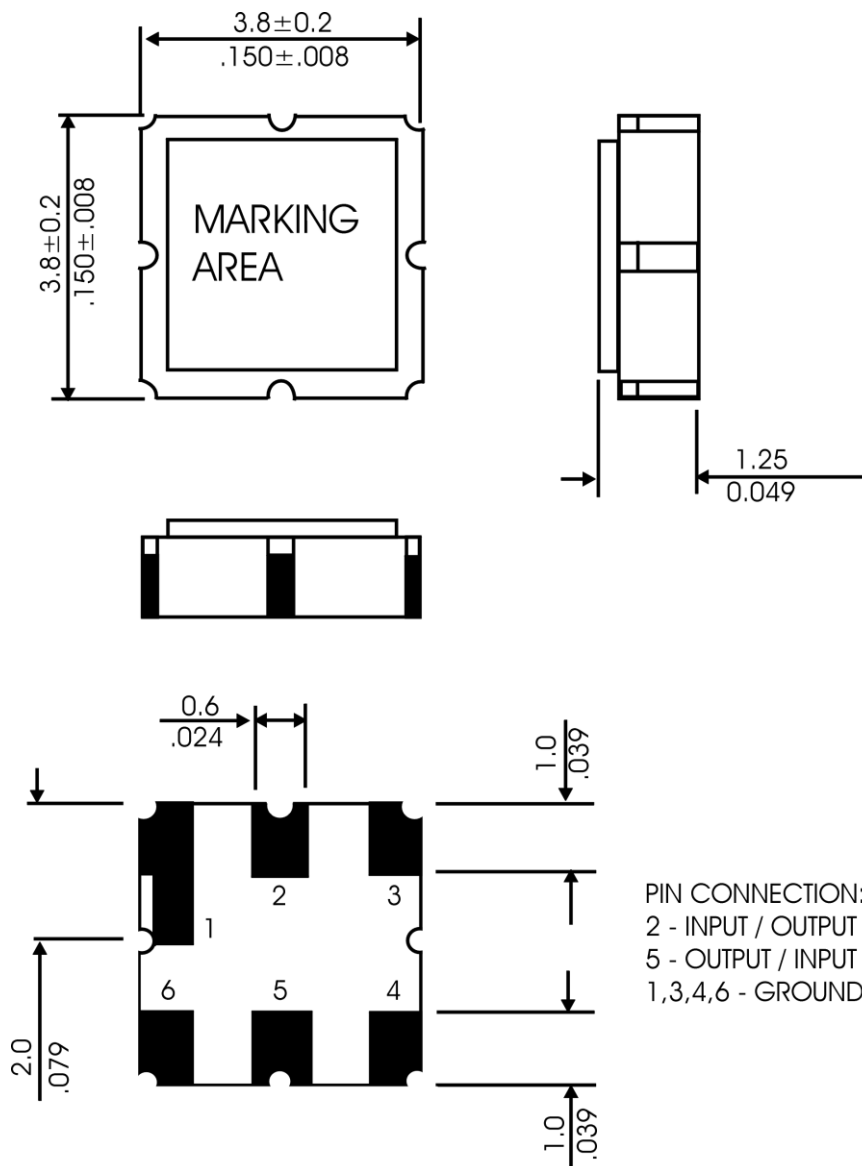
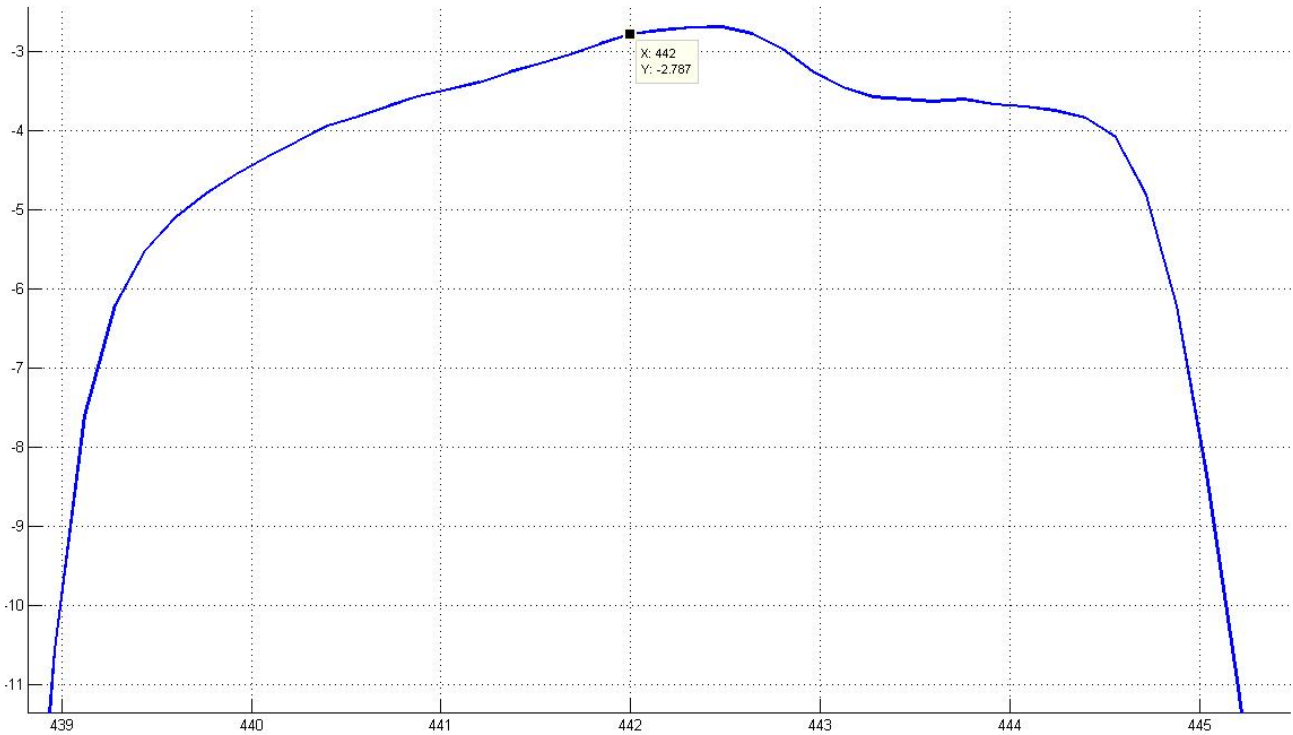
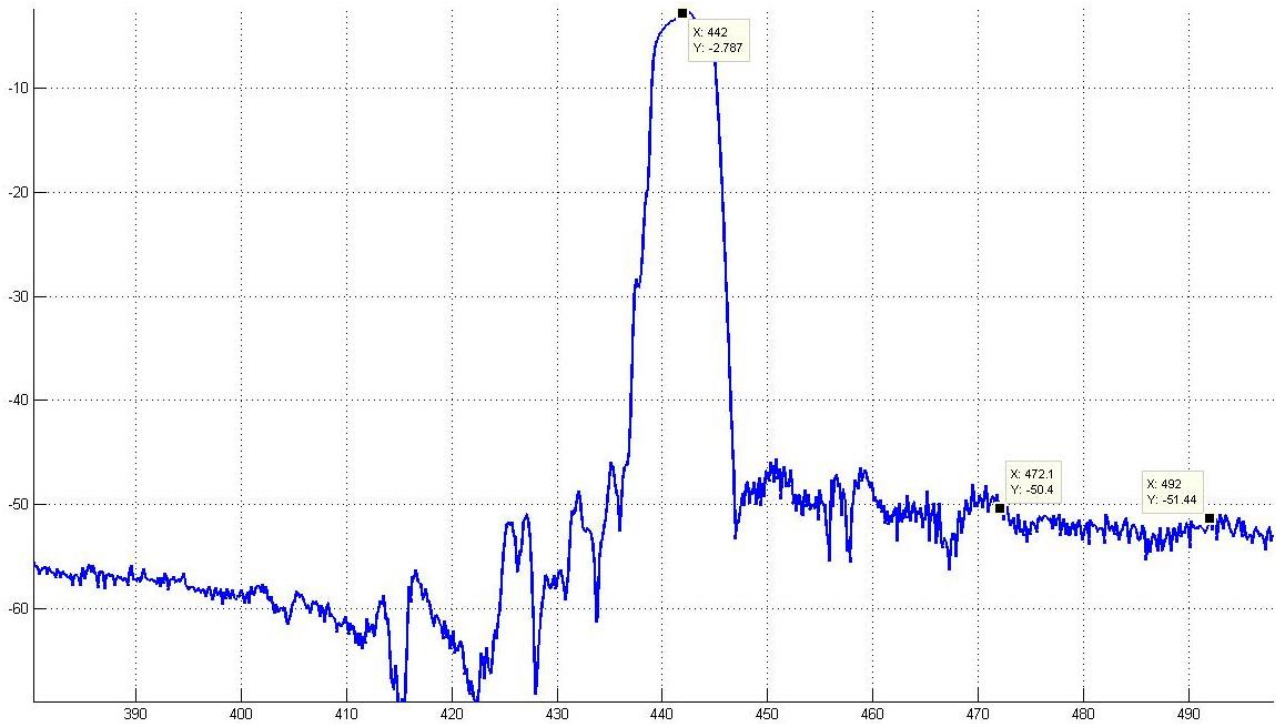


Items		Specification	Unit
Center frequency (Fc)		442.000	MHz
Bandwidth		5000	KHz
Insertion Loss in BW		3.5	dB max
Absolute Attenuation	DC ~ 430 MHz	40	dB min
	450 MHz ~ 600 MHz	40	dB min
In/Out Impedance		50 Ω	
DC Voltage		10 V	
RF Power Maximum		10 dBm	
Operation Temperature		-20°C to +85°C	
Storage Temperature		-40°C to +85°C	

Dimension



Typical Frequency Response

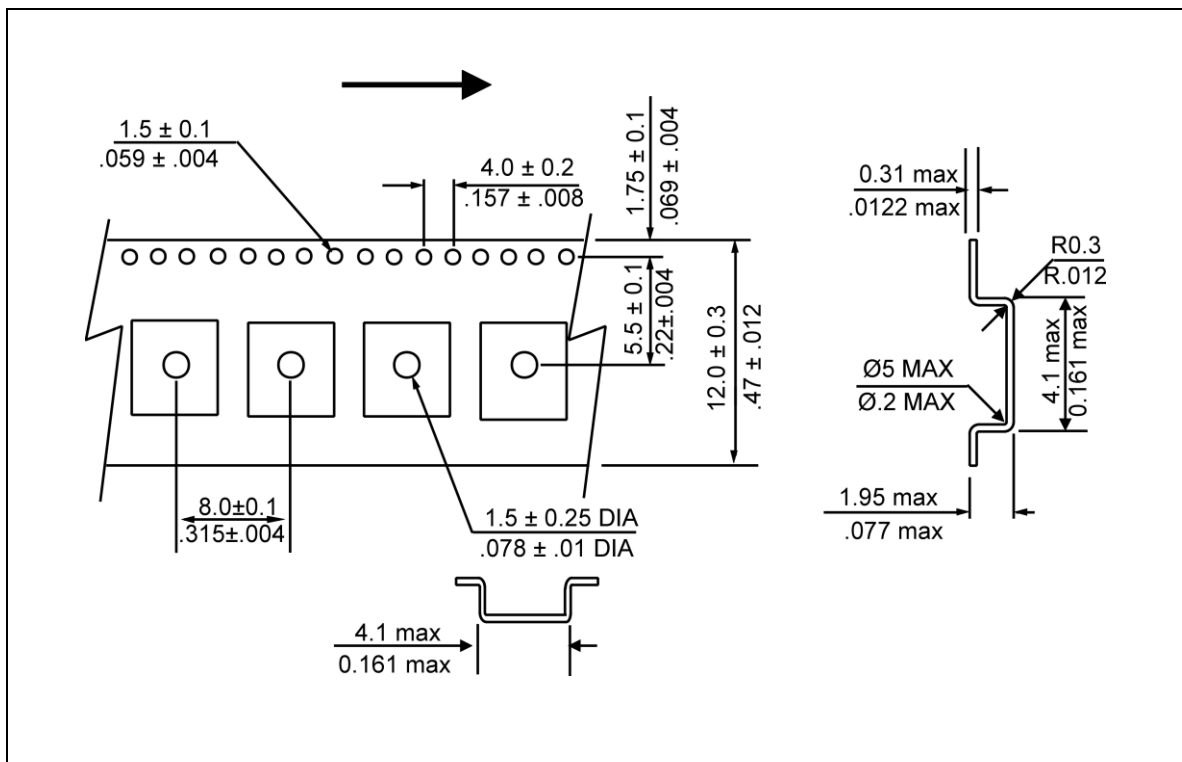


Environmental

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

R442

•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, 09 April 2014
APPROVED BY	F. Parra, 09 April 2014
REVISION	A, Initial Release

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