

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Frequency Nominal	Fo			1587.5		MHz
Insertion Loss		1559.0MHz to 1616.0MHz		2.0	2.6	dB
Amplitude Ripple (p-p)		1559.0MHz to 1616.0MHz		0.8	1.6	dB
Attenuation		100.0 MHz to 1300.0 MHz	40.0	46.0		dB
		1300.0 MHz to 1490.0 MHz	30.0	37.0		
		1490.0 MHz to 1525.0 MHz	23.0	28.0		
		1645.0 MHz to 1650.0 MHz	15.0	40.0		
		1650.0 MHz to 1840.0 MHz	30.0	40.0		
		1840.0 MHz to 2000.0 MHz	37.0	44.0		
		2000.0 MHz to 2500.0 MHz	28.0	37.0		
VSWR		1559.0MHz to 1616.0MHz		1.9	2.5	
Group Delay Ripple (p-p) (Averaged over 500 KHz)		1559.0MHz to 1616.0MHz		12.0	29.0	nS
		1597.0MHz to 1616.0MHz		6.0	18.0	
Operating Temperature			-40		+85	°C
Operable Temperature			-45		+125	°C
Storage Temperature			-45		+125	°C
Input Power Level					10.0	dBm
DC Voltage					6.0	Vdc
Terminating Impedance		In/Out		50		Ω

Date	Description	FOR PRELIMINARY USE ONLY		
		Specifications subject to change.		
		SAW Filter		
		PART #: FTR-81031	81031-fty	
		DATE: 7-18-2024	DRAWN BY: B. Arnold	
		CAGE CODE: 0S4G1	SCALE: NTS	PAGE: 1 of 3

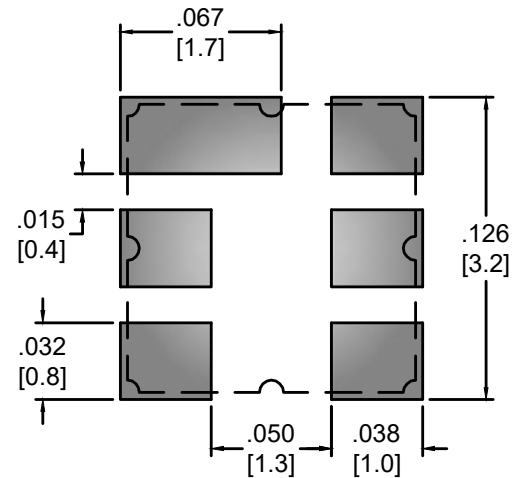
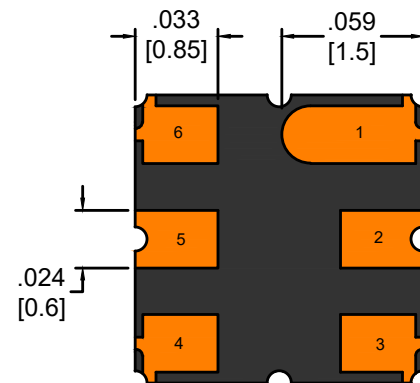
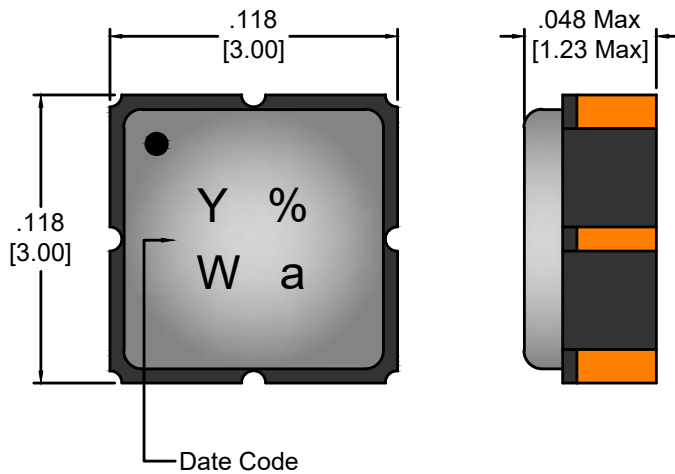
FTR-81031



PACKAGE DIMENSIONS

Tolerance: ± 0.004 [.10mm] (Unless otherwise specified)

PIN	CONNECTION
2	Input
5	Output
1,3,4,6	Ground



Year Code(2020→0,...2023→3,...,2029→9)

Date Code(Follow the table from planner each year)

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

Recommended Land Pattern
(Top View)



All product is supplied **RoHS** and **REACH** compliant.
Specifications subject to change without notice.

1. Material: Black Conductive Polystyrene or equivalent.
2. 10 Sprocket Hole pitch cumulative tolerance of ± 0.008
3. Camber in compliance with EIA 481
4. Empty pockets: Trailing end (Minimum) 200 mm. and Leading end (Minimum) 400 mm.
5. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.

