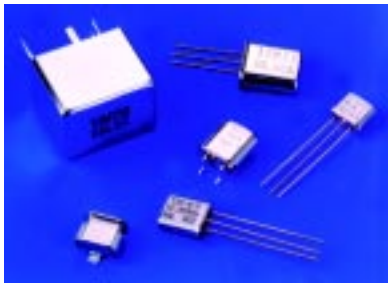
FEATURES

- STABLE TEMPERATURE CHARACTERISTICS
- CUSTOM SPECIFICATIONS AVAILABLE

SPECIFICATIONS



CHANNEL SPACING	MODEL	CENTER FREQUENCY kHz	PASS BANDWIDTH		RIPPLE	INSERTION LOSS	STOP BANDWIDTH		TERMINATING IMPEDANCE	CASE STYLE	POLES
			kHz MIN	dB	dBm MAX	dB MAX	kHz MAX	dB	k // pF		
12.5 kHZ	10M7A	10700	±3.50	3	0.5	1.5	±12.5	18	1.2//5	A-3	2
	10M7B	10700	±3.50	3	1	2.5	±12.5	40	1.2//3	A-3x2	4
	10M8C	10700	±3.75	3	2	3.5	±12.5	65	1.6//4	C-1	6
	10M8D	10700	±3.75	3	2	4	±12.5	90	1.6//4	D-1	8
	10M8E	10700	±3.75	3	2	5	±10.5	90	1.6//4	E-1	10
	10H8D	10700	±3.75	3	2	4	±12.5	90	0.91//25	FK-51	8
	10T8D	10700	±3.75	3	2	4	±12.5	90	0.91//15	FK-50	8
	21H8D	21400	±3.75	3	2	4	±12.5	90	0.91//25	FK-51	8
	21T8D	21400	±3.75	3	2	4	±12.5	90	0.91//25	FK-50	8
	21U8A	21400	±3.75	3	0.5	1.5	±18.0	20	0.85//6	A-5	2
	21U8B	21400	±3.75	3	1	2.5	±14.0	40	0.85//4	A-5x2	4
	21U8C	21400	±3.75	3	2	3	±12.5	65	0.85//4	D-5	6
	21U8D	21400	±3.75	3	2	4	±12.5	90	0.85//4	D-5	6
	21U8E	21400	±3.75	3	2	5	±10.0	90	0.85//4	E-5	10
20.0 kHZ	10M12C	10700	±6.0	3	2	3	±20.0	65	3.0//1.5	C-1	6
	10M12D	10700	±6.0	3	2	3.5	±20.0	90	3.0//1.5	D-1	8
	10H12D	10700	±6.0	3	2	4	±20.0	90	0.91//25	FK-51	8
	10T12D	10700	±6.0	3	2	4	±20.0	90	0.91//25	FK-50	8
	21H12D	21400	±6.0	3	2	4	±20.0	90	0.91//25	FK-51	8
	21T12D	21400	±6.0	3	2	4	±20.0	90	0.91//25	FK-50	8
	21U12A	21400	±6.0	3	0.5	1.5	±25.0	20	1.2/3	A-5	2
	21U12B	21400	±6.0	3	1	2	±20.0	40	1.2//2	A-5x2	4
	21U12C	21400	±6.0	3	2	2.5	±20.0	65	1.2//2	D-5	6
	21U12D	21400	±6.0	3	2	3	±20.0	90	1.2//2	D-5	6
	21U12E	21400	±6.0	3	2	4	±16.0	90	1.2//2	E-5	10

CHANNEL SPACING	MODEL	CENTER FREQUENCY KHz	PASS BANDWIDTH		RIPPLE	INSERTION LOSS	STOP BANDWIDTH		TERMINATING IMPEDANCE	CASE STYLE	POLES
kHZ			kHz MIN	dB	dBm MAX	dB MAX	kHz MAX	dB	k // pF		
25	10M15A	10700	±7.5	3	0.5	1.5	±25	18	3.0//2	A-3	2
	10M15B	10700	±7.5	3	1	2	±25	40	3.0//2	A-3x2	4
	10M15C	10700	±7.5	3	2	2.5	±25	65	3.0//2	C-1	6
	10M15D	10700	±7.5	3	2	3.5	±20	80	3.0//2	D-1	8
	10M15E	10700	±7.5	3	2	4	±17.5	90	3.0//2	E-1	10
	10H15D	10700	±7.5	3	2	4	±25	90	0.91//25	FK-51	8
	10T15D	10700	±7.5	3	2	4	±25	90	0.91//25	FK-50	8
	21H15D	21400	±7.5	3	2	4	±25	90	0.91//25	FK-51	8
	21T15D	21400	±7.5	3	2	4	±25	90	0.91//25	FK-50	8
	21U15A	21400	±7.5	3	0.5	1.5	±25	18	1.6//3	A-5	2
	21U15B	21400	±7.5	3	1	2	±25	40	1.6//2	A-5x2	4
	21U15C	21400	±7.5	6	2	2.5	±25	65	1.6//2	D-5	6
	21U15D	21400	±7.5	6	2	3.5	±25	90	1.6//2	D-5	8
	21U15E	21400	±7.5	6	2	4	±18	90	1.6//2	E-5	10
20.0	10M30A	10700	±15.0	3	0.5	1.5	±50.0	18	5	A-3	2
	10M30B	10700	±15.0	3	1	1.5	±50.0	40	5.5//1	A-3x2	4
	10M30C	10700	±15.0	6	2	2.5	±45.0	60	5.5//1	C-1	6
	10M30D	10700	±15.0	6	2	3.5	±40.0	80	5.5//1	D-1	8
	21U30A	21400	±15.0	3	0.5	1.5	±45.0	15	1.5//1.5	A-5	2
	21U30B	21400	±15.0	3	1	2	±50.0	40	2.0//0.5	A-5x2	4
	21U30C	21400	±15.0	3	2	2.5	±50.0	65	2.3//0.5	D-5	6
	21U30D	21400	±15.0	3	2	3	±50.0	80	2.3//0.5	D-5	6
	10H30D	10700	±15.0	3	2	4	±50.0	80	0.91//25	FK-51	8
	10T30D	10700	±15.0	3	2	4	±50.0	80	0.91//25	FK-50	8
	21H30D	21400	±15.0	3	2	4	±50.0	80	0.91//25	FK-51	8
	21T30D	21400	±15.0	3	2	4	±50.0	80	0.91//25	FK-50	8

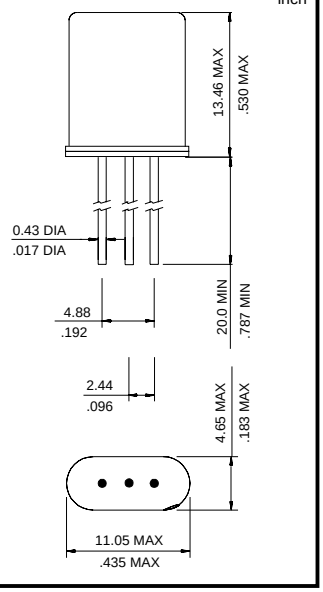
OUTLINE DRAWINGS ARE ON THE FOLLOWING PAGE

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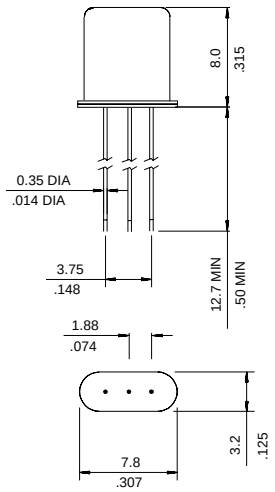
OUTLINE DRAWINGS

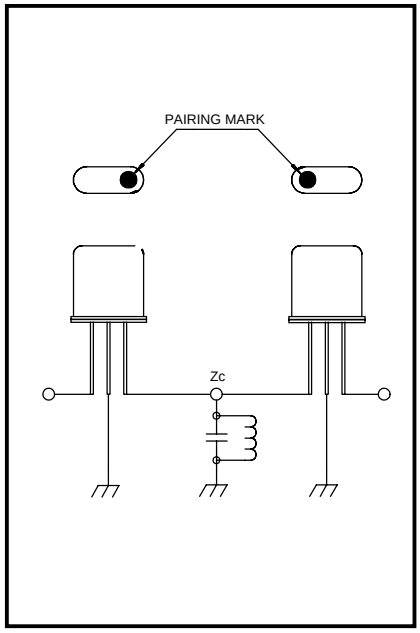
A-3

Scale none Dimension in mm / inch

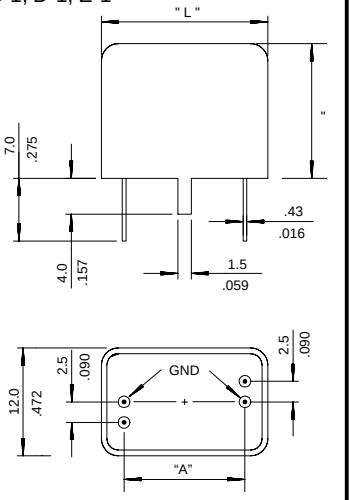


A-5

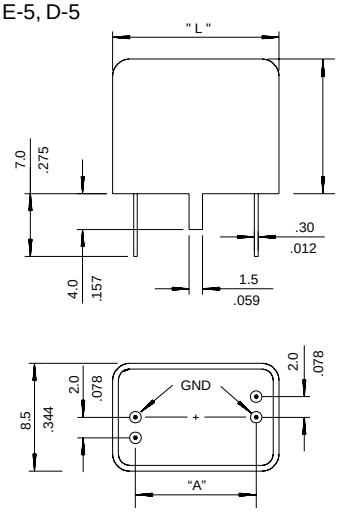




C-1, D-1, E-1

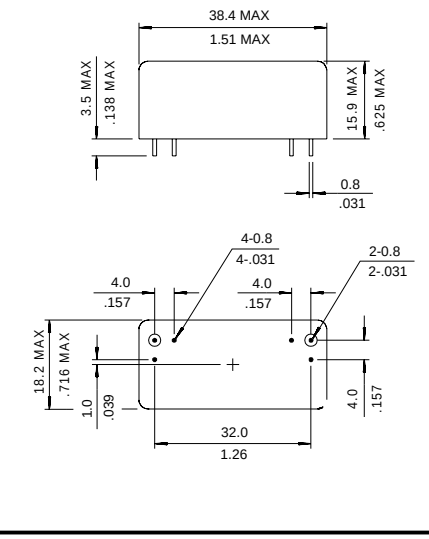


E-5, D-5

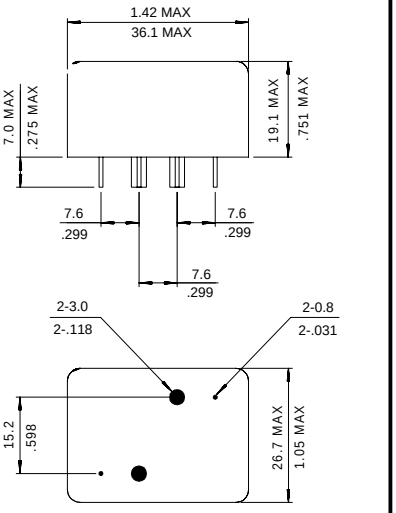


CASE	C-1	D-1	E-1	D-5	E-5
A	9.0 mm 0.354 inch	13.4mm .530 inch	17.8 mm .700 inch	7.4 mm .290 inch	9.8 mm .385 inch
L	15.0 mm .590 inch	18.5mm .730 inch	23.0 mm .905 inch	11.0 mm .433 inch	13.4 mm .530 inch
H	15.0 mm .590 inch	15.0 mm .590 inch	15.0 mm .590 inch	11.0 mm .433 inch	11.0 mm .433 inch

FK-51



FK-50



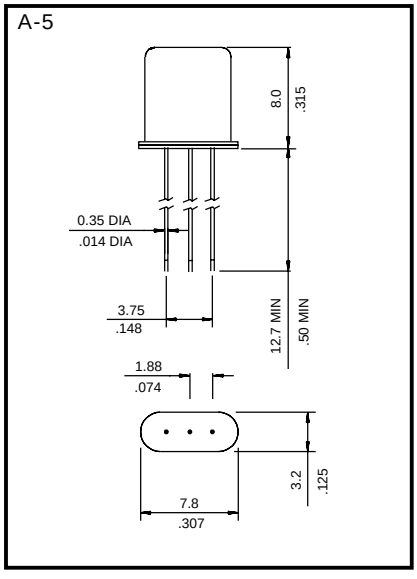
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SPECIFICATIONS

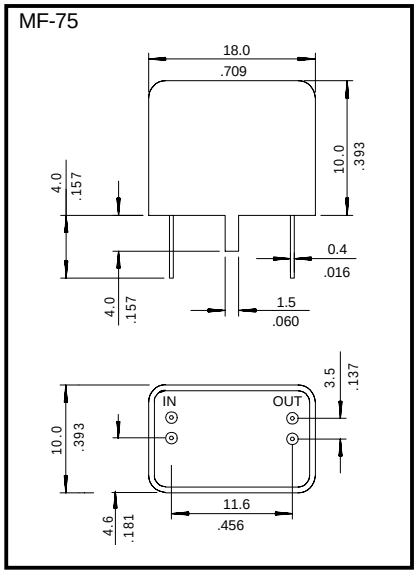
MODEL	CENTER FREQUENCY MHz	PASS BANDWIDTH		RIPPLE	INSERTION LOSS	STOP BANDWIDTH		TERMINATING IMPEDANCE	CASE STYLE	POLES
		kHz MIN	dB	dBm MAX	dB MAX	kHz MAX	dB	k // pF		
FUNDAMENTAL										
45M15AF	45.00	±7.50	3	1	2	±25.0	15	0.65//4.5	A-5	2
45M15BF	45.00	±7.50	3	1	3	±25.0	30	0.65//1.5	A-5X2	4
45M20AF	45.00	±10.0	3	1	2	±34.0	15	0.70//2.5	A-5	2
45M20BF	45.00	±10.0	3	1	3	±48.0	40	0.70//1.5	A-5X2	4
45M30AF	45.00	±15.0	3	1	2	±50.0	15	0.80//1.5	A-5	2
45M30BF	45.00	±15.0	3	1	3	±60.0	40	0.80//1.0	A-5X2	4
THIRD OVERTONE										
45M15A	45.00	±7.50	3	0.5	2	±30.0	15	3.0//1.0	A-5	2
45M15B	45.00	±7.50	3	1	3	±25.0	25	4.0//1.0	A-5X2	4
45M20A	45.00	±10.0	3	1	2	±30.0	15	5.0//1.5	A-5	2
45M20B	45.00	±10.0	3	1.5	3	±40.0	35	5.0//1.5	A-5X2	4
55M12B	55.025	±6.0	3	1.5	4	±30.0	15	3.0//1.0	A-5X2	4
55M20B	55.025	±10.0	3	1.5	3	±25.0	25	5.0//1.0	A-5X2	4
58M15B	58.125	±7.5	3	2	6	±40.0	40	3.0//1.0	A-5X2	4
58M20B	58.125	±10.0	3	1.5	4.5	±50.0	25	5.0//1.0	A-5X2	4
70M15A	70.00	±7.50	3	1	2	±30.0	15	2.5//1.0	A-5	2
70M15B	70.00	±7.50	3	2	4	±40.0	40	2.5//1.0	A-5X2	4
70M20A	70.00	±10.0	3	1	2	±40.0	15	2.5//1.0	A-5	2
70M20B	70.00	±10.0	3	1.5	3	±50.0	35	2.5//1.0	A-5X2	4
80M30B	80	±15.0	3	1.5		±60.0	25	50 OHMS	MF-75	4
90M30B	90	±15.0	3	1.5		±60.0	25	50 OHMS	MF-75	4
100M30B	100	±15.0	3	1.5		±60.0	25	50 OHMS	MF-75	4

OUTLINE DRAWINGS

A-5



MF-75



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