

T-07-19

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1N5439

thru

1N5456

1N5461

thru

1N5476


**International
Semiconductor, Inc.**

INTERNATIONAL SEMICONDUCTOR

HIGH Q - VOLTAGE VARIABLE CAPACITORS

TYPE	CAPACITANCE at $V_r=4$ Vdc 1MHz pF	MINIMUM QUALITY FACTOR Q @ 4 vDC $f=50$ MHz	TUNING RATIO 2 V to 30 V	
			MIN	MAX
1N5439	3.3	450	2.3	3.1
1N5440	4.7	450	2.4	3.1
1N5441	6.8	450	2.5	3.1
1N5442	8.2	450	2.5	3.1
1N5443	10.0	400	2.6	3.1
1N5444	12.0	400	2.6	3.1
1N5445	15.0	400	2.6	3.1
1N5446	18.0	350	2.6	3.1
1N5447	20.0	350	2.6	3.1
1N5448	22.0	350	2.6	3.2
1N5449	27.0	350	2.6	3.2
1N5450	33.0	350	2.6	3.2
1N5451	39.0	300	2.6	3.2
1N5452	47.0	250	2.6	3.2
1N5453	56.0	200	2.6	3.3
1N5454	68.0	175	2.7	3.3
1N5455	82.0	175	2.7	3.3
1N5456	100.0	175	2.7	3.3
1N5461	6.8	600	2.7	3.1
1N5462	8.2	600	2.8	3.1
1N5463	10.0	550	2.8	3.1
1N5464	12.0	550	2.8	3.2
1N5465	15.0	550	2.8	3.1
1N5466	18.0	500	2.9	3.1
1N5467	20.0	500	2.9	3.1
1N5468	22.0	500	2.9	3.2
1N5469	27.0	500	2.9	3.2
1N5470	33.0	500	2.9	3.2
1N5471	39.0	450	2.9	3.2
1N5472	47.0	400	2.9	3.2
1N5473	56.0	300	2.9	3.3
1N5474	68.0	250	2.9	3.3
1N5475	82.0	225	2.9	3.3
1N5476	100.0	200	2.9	3.3

DO-7

Package Style DO-7

Reverse Breakdown Voltage at $I_r=10\mu A$ 30 Volts Min

D.C. Power Dissipation at 25 C 400 mW Max

Operating Temperature -65 to +150 C

Storage Temperature -65 to +150 C

Reverse Current at 25 Vdc 0.02 μA Max

Reverse Current at 25 Vdc (150 C) 20 μA Max

Capacitance Tolerance

Standard Device	+/- 20%
Suffix A	+/- 10%
Suffix B	+/- 5%
Suffix C	+/- 2%
Suffix D	+/- 1%

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