

Order code	Manufacturer code	Description
12-0251	PVC-126R ROHS	MINIATURE TUNING CAPACITOR (RC)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

Capacity Rating

12-0251

Rotation %	100 *	90	80	75 *	70	60	50 *	40	30	25 *	20	10 *	3	
Cap. (pF)	AM	126.0	108.6	89.7	80.2	71.1	53.0	36.4	22.2	12.9	9.5	6.8	2.6	0.0
	FM	20.0	17.2	14.2	12.7	11.3	8.4	5.8	3.5	2.1	1.5	1.1	0.4	0.0
Coe. (%)	AM	100.0	86.19	71.19	63.65	56.43	42.06	28.89	17.62	10.24	7.54	5.4	2.06	0.0
	FM	100.0	86.00	71.00	63.50	56.50	42.00	29.00	17.50	10.50	7.50	5.5	2.00	0.0

* = checking angles for tolerance

Specifications

Minimum capacitance	C1/C2 AM	osc	5.5 ±1.0pF
		ant	5.0 ±1.0pF
	C3/C4 FM	osc	4.0 ±1.0pF
		ant	5.0 ±1.0pF
Tolerance (at * angles above)	AM section		±1.5pF +1.8%
	FM section		±1.2pF
Trimmer capacitance			>5pF
Insulation resistance			>100MΩ
Maximum working voltage			50V DC
Contact resistance			<20mΩ @10mA AC 1kHz
Q characteristic	AM section		>500 @10MHz 50pF
	FM section		>150 @100MHz 10pF
Rotation angle			180°
Rotation torque			60 to 350 gf/cm
End stop torque			>8kgf/cm
Trimmer torque			50 to 280gf/cm
Temperature			-10°C to +40°C

