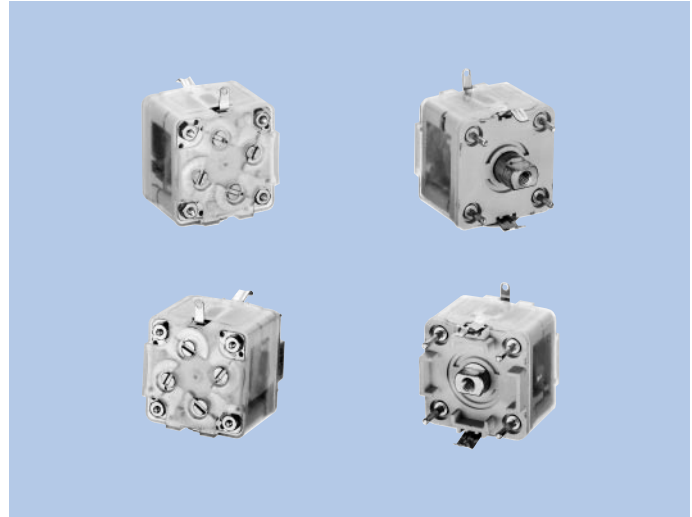


# Trackingless Type, For AM/FM 2-Band, AM Narrow-Band 20 mm, PVC-2LXT-L5, -2LXT-LD5

## FEATURES

These are AM/FM 2-band radio use POLYVARICONS, which enjoy high reputation as standard products. Improved electric and mechanical characteristics and superb quality control implemented make them highly satisfactory as high-grade variable capacitors.



## SPECIFICATIONS

Models	Uses	Mounting Form	Dimensions (mm)	Shaft Dimensions (mm)	No. of Stage	max. Capacitance Swing (pF)	min. Capacitance (pF)	Variable Coefficient Curve
2LXT-L5	AM/FM (2-band)	Front mounting	21×21×16.5	4-2	AM-2	(O) 82 (A) 140	3.8±1 3.4±1	C A
					FM-2	20 (40)	FC1 3.3±1 FC2 3.8±1	B
2LXT-LD5	AM/FM (2-band)	Dip soldering	21×21×19.5	(3.5) -3	AM-2	(O) 82 (A) 140	3.8±1 3.4±1	C A
					FM-2	20 (40)	FC1 3.3±1 FC2 3.8±1	B

## CHARACTERISTICS

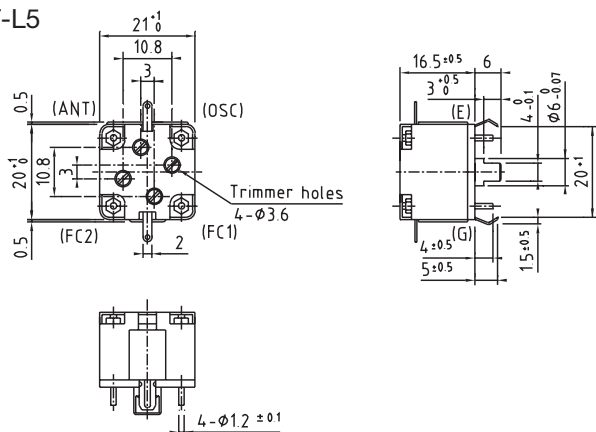
Item		Models	PVC-2LXT-L5/2LXT-LD5
Mechanical Characteristics	Shaft Rotational Direction		Capacitance decreases as shaft turned clockwise.
	Full Rotational Angle		97 <sup>+2</sup> <sub>-1</sub> % ( With semi-sphere 180° as 100%. )
	Rotational Torque		70~350g·cm
	Torque Difference		150g·cm or less
	Stopper Strength		9kg·cm (Breakdown strength)
Trimmer Rotational Torque			50~400g·cm
Electrical Characteristics	Tolerance of Variable Capacitance	AM	± (1pF+1%)
		FM	± (0.3pF+2%)
	Q	AM	500 or more
		FM	200 or more
Trimmer Capacitance			7pF or more
MW Tuning Frequency Range			520~1650kHz

## Nominal Variable Coefficient Capacitance

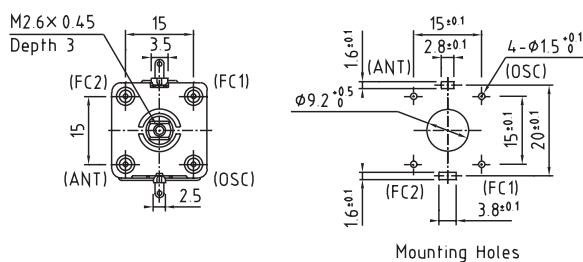
Rotational Index	%	100	90	82.8	75	70	60	50	42.6	30	25	17.5	10	(3)	Variable Coefficient Curve
Variable Capacitance (pF)	AM	82.0	73.8	66.8	58.9	53.5	42.4	31.8	24.5	14.3	10.9	6.44	2.71	0	C
	FM	140.0	118.2	101.3	84.0	73.2	53.2	36.7	26.6	14.3	10.6	6.01	2.44	0	A
		20.00	17.24	—	13.46	12.30	10.08	8.02	—	4.30	3.45	—	1.05	0	B

## DIMENSIONS

PVC-2LXT-L5

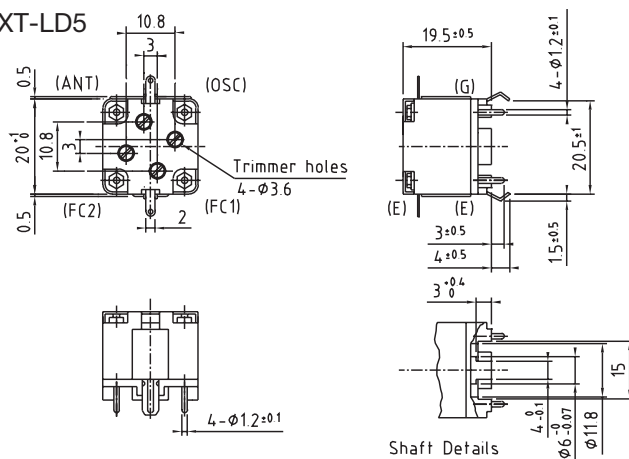


- ☆Flats of shaft located as shown max. capacitance.
- ☆Tolerance of shaft flat angle : Within  $\pm 2^\circ$ .
- ☆Oscillator stage : AM (OSC), FM (FC1).

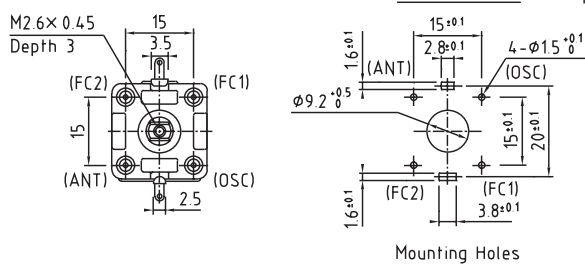


Unit : mm, Tolerance :  $\pm 0.2$

PVC-2LXT-LD5



- ☆Flats of shaft located as shown max. capacitance.
- ☆Tolerance of shaft flat angle : Within  $\pm 2^\circ$ .
- ☆Oscillator stage : AM (OSC), FM (FC1).



Unit : mm, Tolerance :  $\pm 0.2$