

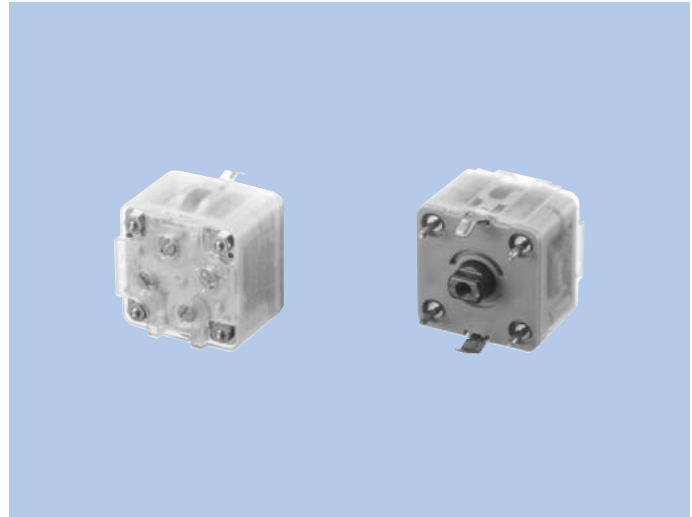
# Trackingless Type, For AM/FM 2-Band, AM Wide/Narrow-Band 20 mm, PVC-2LHT-L8, -2LXT-L8

## FEATURES

It is a trackingless POLYVARICON for exclusive MW use.

It is a new model that has pursued the highest cost-performance up to the limit.

As conventional products, this model is also manufactured automatically realizing the shortest lead-time (from order to shipment) and highest quality.



## SPECIFICATIONS

Models	Uses	Mounting Form	Dimensions (mm)	Shaft Dimensions (mm)	No. of Stage	max. Capacitance Swing (pF)	min. Capacitance (pF)	Variable Coefficient Curve
2LHT-L8	AM/FM (2band)	Front mounting	21×21×12	4-2	AM-2	(O) 82 (A) 160	4.2±1 3.8±1	D A
					FM-2	20 (40)	FC1: 3.6±1 FC2: 4.1±1	B
2LXT-L8	AM/FM (2band)	Front mounting	21×21×12	4-2	AM-2	(O) 82 (A) 140	4.2±1 3.8±1	C A
					FM-2	20 (40)	FC1: 3.6±1 FC2: 4.1±1	B

## CHARACTERISTICS

Item		Models	PVC-2LHT-L8/2LXT-L8
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		70~400g·cm
	Torque Difference		200g·cm or less
	Stopper Strength		6kg·cm (Breakdown strength)
	Trimmer Rotational Torque		50~400g·cm
Electrical Characteristics	Tolerance of Variable Capacitance	AM	± (1pF+1.5%)
		FM	± (0.3pF+2%)
	Q	AM	500 or more
		FM	200 or more
	Trimmer Capacitance		5pF or more
MW Tuning Frequency Range		PVC-2LHT-L8 520~1750kHz PVC-2LXT-L8 520~1650kHz	

## Nominal Variable Coefficient Capacitance

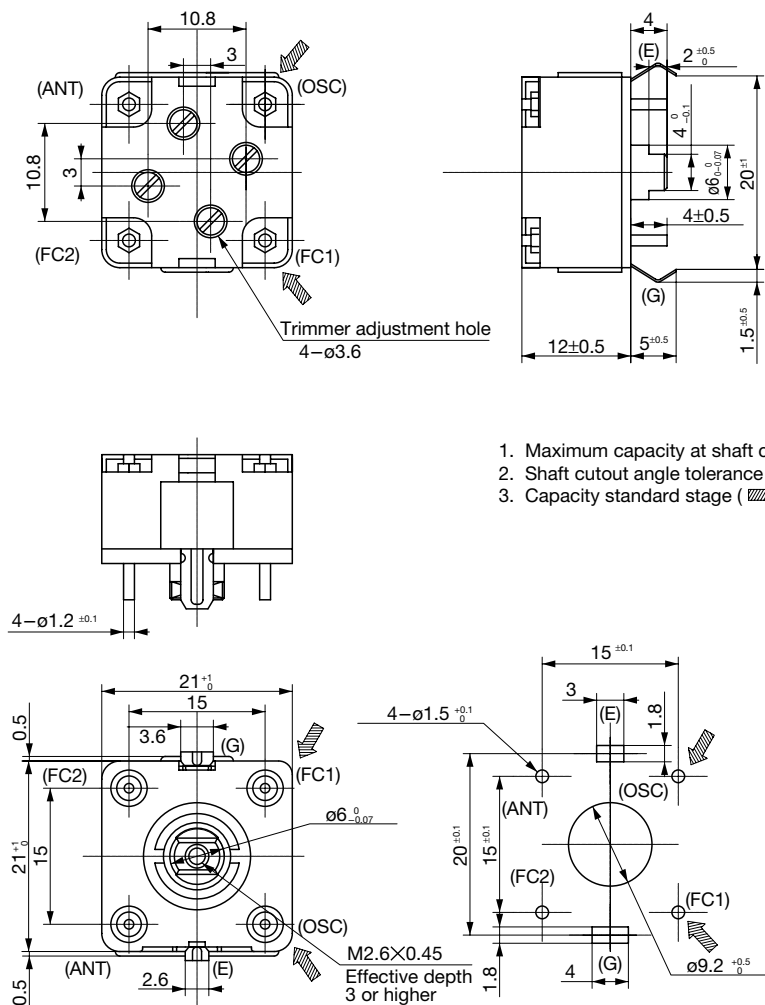
### PVC-2LHT-L8


Rotational Index %		100	90	82.9	75	70	62.6	50	43.6	30	25	20.3	10	(3)	Variable Coefficient Curve
Variable Capacitance (pF)	AM	82.0	74.0	67.2	59.1	53.7	45.5	32.1	25.9	14.6	11.2	8.23	2.77	0	D
		160.0	135.0	116.3	96	83.7	66.4	41.9	32.0	16.3	12.1	8.70	2.78	0	A
	FM	20.00	17.24	-	13.46	12.30	-	8.02	-	4.3	3.45	-	1.05	0	B

### PVC-2LXT-L8

Rotational Index %		100	90	82.9	75	70	62.6	50	43.6	30	25	20.3	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
		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
	FM	20.00	17.24	-	13.46	12.30	-	8.02	-	4.3	3.45	-	1.05	0	B

## DIMENSIONS



1. Maximum capacity at shaft cutout position in the diagram
2. Shaft cutout angle tolerance is  $\pm 2^\circ$
3. Capacity standard stage (  mark) is AM; OSC FM; FC1