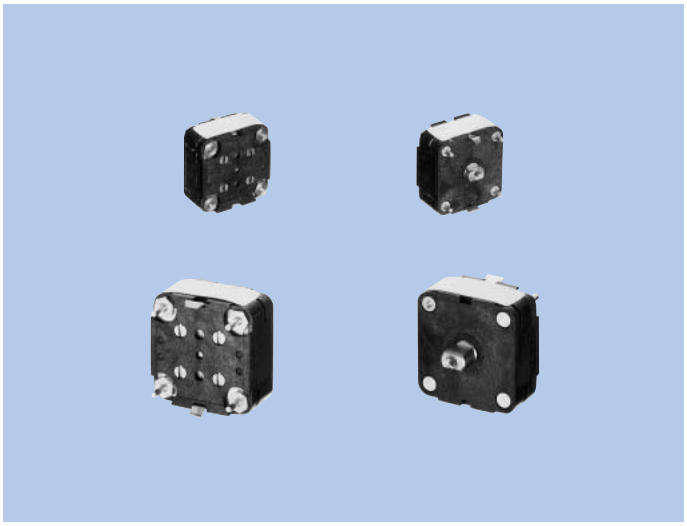
Compact, Trackingless Type For AM/FM 2-Band, AM Wide-Band
16□mm, PVC-2LHT16L7, -2LHT16B7

Polyvaricon

FEATURES

It is a trackingless POLYVARICON for exclusive MW use. It is wide-band use as the standard 16□ mm product.



SPECIFICATIONS

Models	Uses	Mounting Form	Dimensions (mm)	Shaft Dimensions (mm)	No.of Stage	max. Capacitance Swing(pF)	min. Capacitance (pF)	Variable Coefficient Curve
2LHT16L7	AM/FM (2-band)	Front mounting	16×16×8	4–2	AM–2	(O) 82 (A) 160	(O) 4.3±1	D
					FM–2	20(40)	(A) 4.1±1	
2LHT16B7	AM/FM (2-band)	Rear mounting	16×16×8	4–2	AM–2	(O) 82 (A) 160	(O) 4.0±1	A
					FM–2	20(40)	(A) 3.8±1	

CHARACTERISTICS

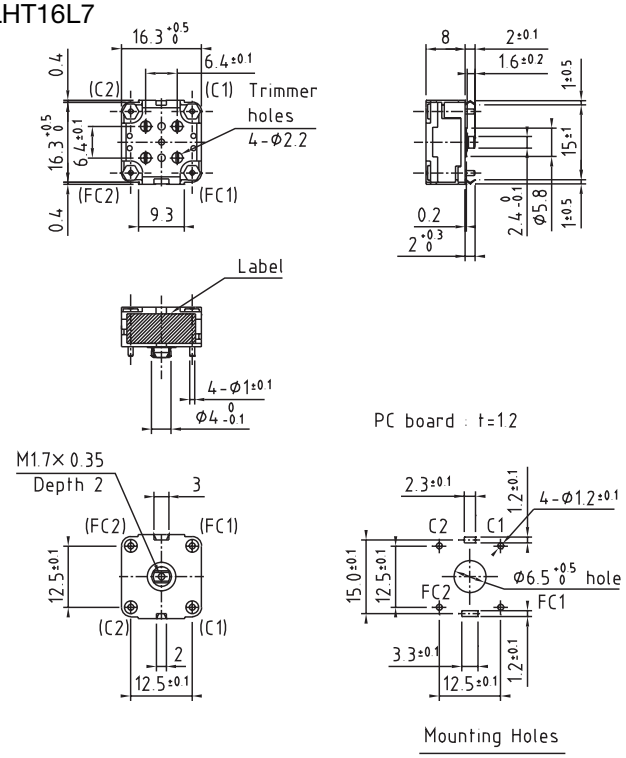
Item \ Models			PVC-2LHT16L7/2LHT16B7
Mechanical Characteristics	Shaft Rotational Direction		Capacitance decreases as shaft turned clockwise.
	Full Rotational Angle		97^{+2}_{-1}% (With semi-sphere 180° as 100%.)
	Rotational Torque		30~200g·cm
	Torque Difference		100g·cm or less
	Stopper Strength		4kg·cm (Breakdown strength)
	Trimmer Rotational Torque		10~100g·cm
Electrical Characteristics	Tolerance of Variable Capacitance	AM	± (1pF+2%)
		FM	(0.3pF+2%)
	Q	AM	500 or more
	Trimmer Capacitance		5pF or more
	MW Tuning Frequency Range		520~1750kHz

Nominal Variable Coefficient Capacitance

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	96.0	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	—	4.30	3.45	—	1.05	0	B

DIMENSIONS

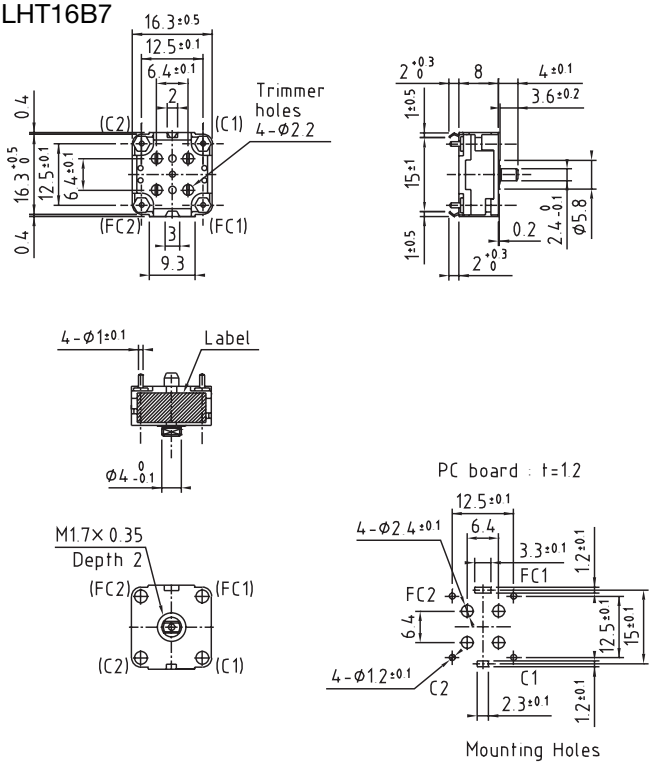
PVC-2LHT16L7



☆Flats of shaft located as shown max. capacitance.
☆Tolerance of shaft flat angle : Within ±2°.
☆Oscillator stage : AM (C1).

Unit : mm, Tolerance : ±0.2

PVC-2LHT16B7



☆Flats of shaft located as shown max. capacitance.
☆Tolerance of shaft flat angle : Within ±2°.
☆Oscillator stage : AM (C2).

Unit : mm, Tolerance : ±0.2