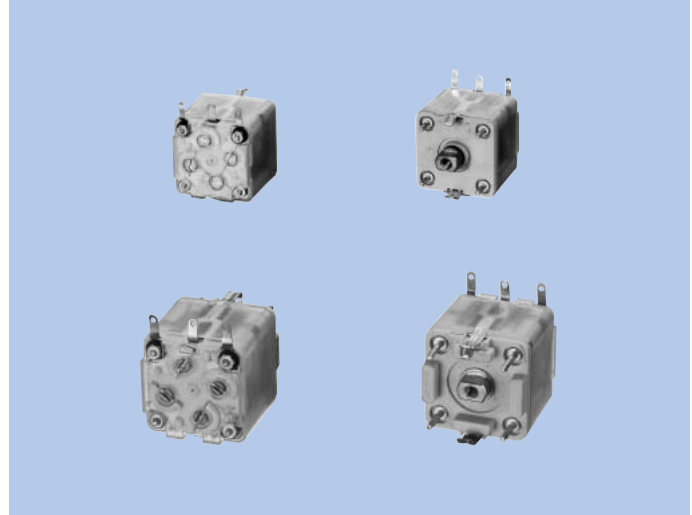


AM 335pF, For AM/FM Multi-Band 20 mm, PVC-22KT-L, -22KT-LD1

FEATURES

These are AM 2-gangs FM 2-gangs multi-band equal-capacitance type POLYVARICONS with maximum AM capacitance of 335pF. High-class AM-FM multi-band sets. Various configurations available cope with any mounting system.



SPECIFICATIONS

Models	Uses	Mounting Form	Dimensions (mm)	Shaft Dimensions (mm)	No. of Stage	max. Capacitance Swing (pF)	min. Capacitance (pF)	Variable Coefficient Curve
22KT-L	AM/FM (Multi-band)	Front mounting	21×21×20.7	6-3	AM-2	335	5±1.5	A
					FM-2	20 (40)	3.5±1.5	B
22KT-LD1	AM/FM (Multi-band)	Dip soldering	21×21×23.7	(3.5) -3	AM-2	335	5±1.5	A
					FM-2	20 (40)	3.5±1.5	B

CHARACTERISTICS

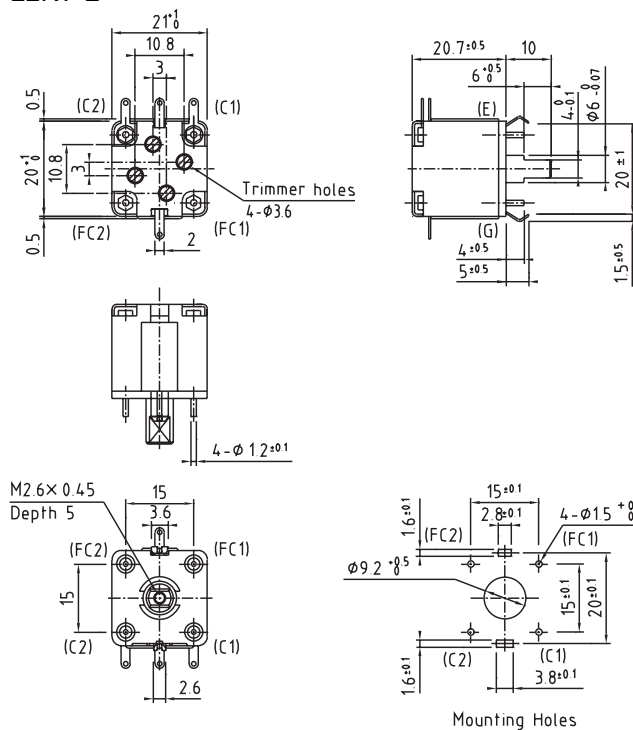
Item		Models	PVC-22KT-L/22KT-LD1
Mechanical Characteristics	Shaft Rotational Direction		Capacitance decreases as shaft turned clockwise.
	Full Rotational Angle		97 ⁺² ₋₁ % (With semi-sphere 180° as 100%.)
	Rotational Torque		70~450g·cm
	Torque Difference		250g·cm or less
	Stopper Strength		12kg·cm (Breakdown strength)
Trimmer Rotational Torque		50~400g·cm	—————
Electrical Characteristics	Tolerance of Variable Capacitance	AM	± (1pF+1.5%)
		FM	±0.5pF
	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	80	75	70	60	50	40	30	25	20	10	(3)	Variable Coefficient Curve
Variable Capacitance (pF)	AM	335.0	282.7	227.5	201.0	175.2	127.3	87.8	57.0	34.2	25.4	17.8	5.8	0	A
	FM	20.00	17.24	14.67	13.46	12.30	10.08	8.02	6.10	4.30	3.45	2.62	1.05	0	B

DIMENSIONS

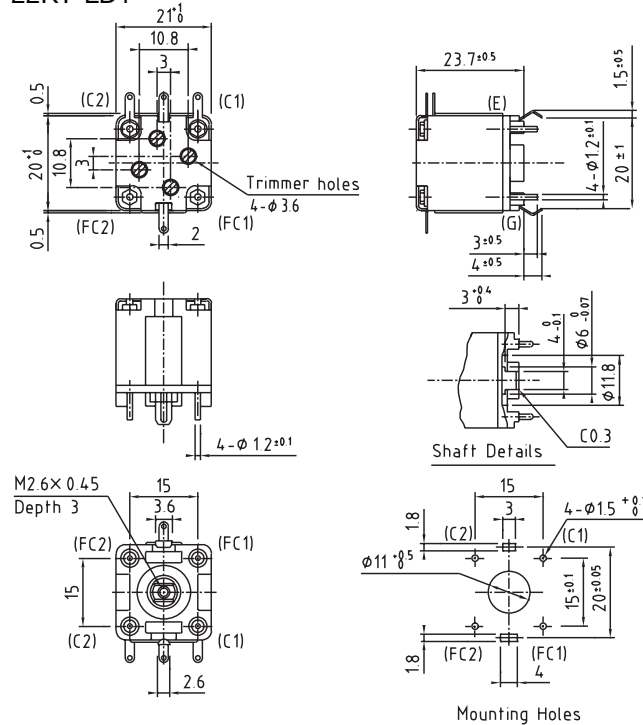
PVC-22KT-L



- ☆ Flats of shaft located as shown max. capacitance.
- ☆ Tolerance of shaft flat angle : Within ±2°.
- ☆ Oscillator stage : AM (C1), FM (FC1).

Unit : mm, Tolerance : ±0.2

PVC-22KT-LD1



- ☆ Flats of shaft located as shown max. capacitance.
- ☆ Tolerance of shaft flat angle : Within ±2°.
- ☆ Oscillator stage : AM (C1), FM (FC1).

Unit : mm, Tolerance : ±0.2

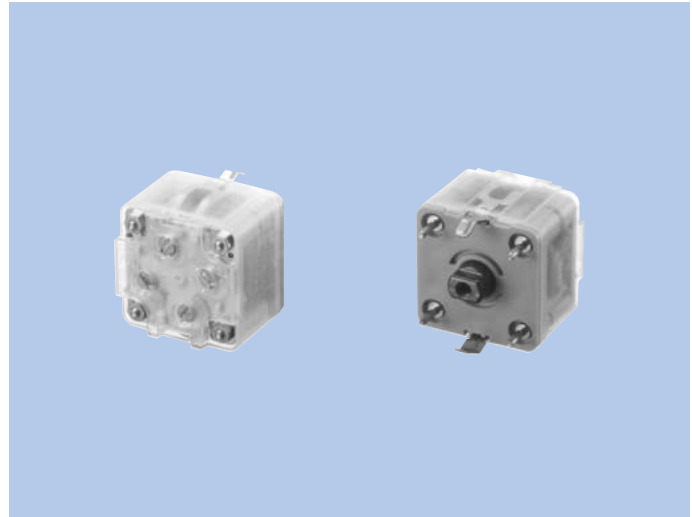
Trackingless Type, For AM/FM 2-Band, AM Wide/Narrow-Band 20 mm, PVC-2LHT-L8, -2LXT-L8

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 ⁺² ₋₁ % (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

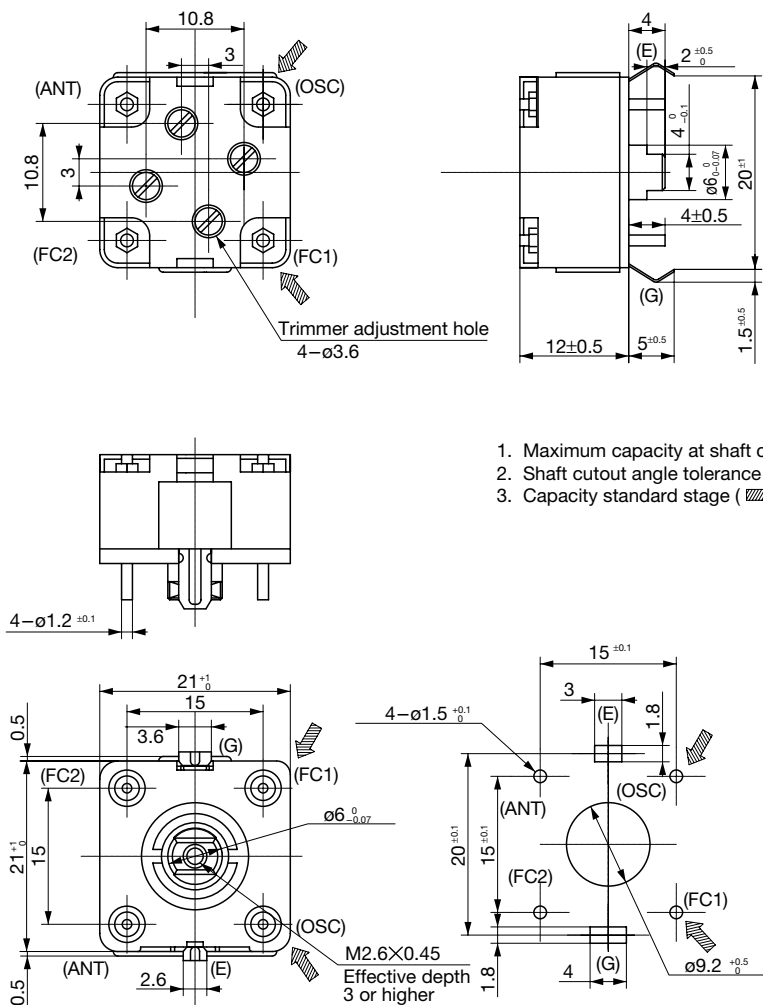
PVC-2LHT-L8


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