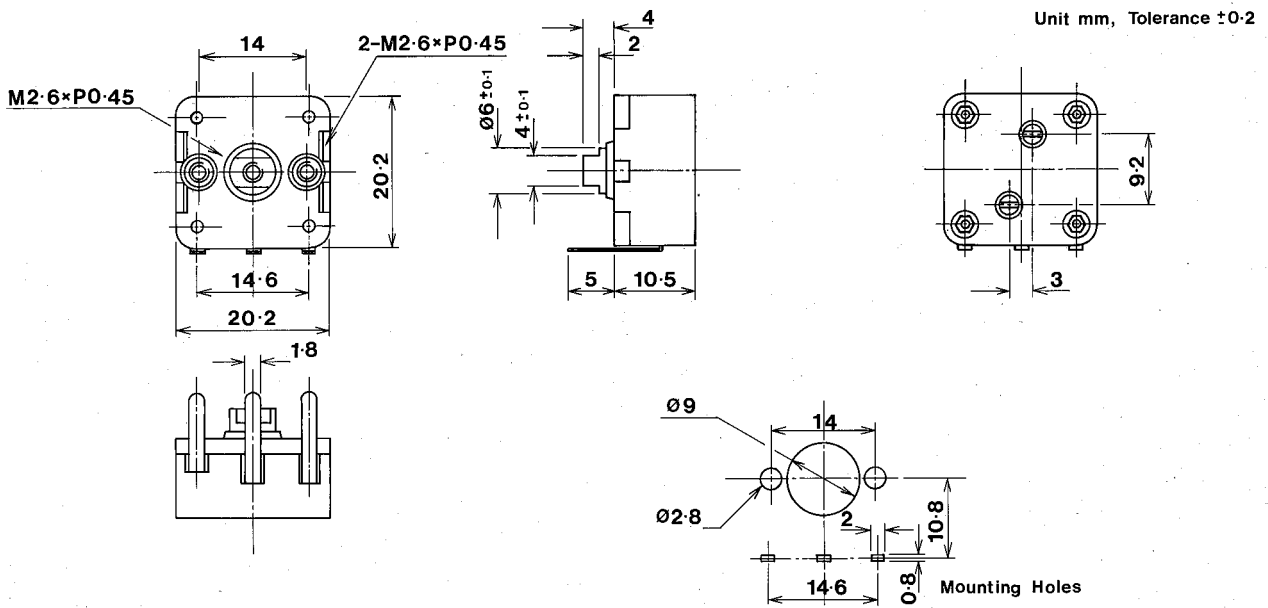


# TTWM

## POLY VARIABLE CONDENSER MODEL AT-201N



### CAPACITY RATING

ROTATION %		100	90	80	75	70	60	50	40	30	25	20	10	3
CAPACITY (pF)	OSC	59.2	55.2	50.9	48.7	46.2	41.0	35.0	28.4	21.0	17.0	12.9	4.8	0.0
	ANT	141.6	126.3	111.2	103.7	96.1	80.4	64.3	48.5	33.2	25.7	18.5	6.2	0.0
COEFF. (%)	OSC	100.0	93.2	86.0	82.3	78.0	69.3	59.2	48.0	35.5	28.7	21.8	8.1	0.0
	ANT	100.0	89.2	78.5	73.3	67.9	56.8	45.4	34.3	23.5	18.2	13.1	4.4	0.0

Minimum capacitance

: OSC  $4.5 \pm 1.5$ pF

ANT  $4.5 \pm 1.5$ pF

The position of rotor shaft shown above

: maximum capacitance

Direction of rotation for increase in capacitance

: counter-clockwise

Tolerance of capacitance

: OSC  $\pm (2\text{pF} + 2\%)$

ANT  $\pm (2\text{pF} + 2\%)$

Trimmer capacitance

: more than 5pF

Insulation resistance

: more than 100M $\Omega$  at 100 Volts DC

Maximum working voltage

: 50 Volts DC

Contact resistance

: less than 20M $\Omega$

'Q' characteristic

: more than 500 at 50pF, 10MHz

Rotation angle

: 97% (+2 to -1%) as be defined 100% for 180°

Operation torque

: 50 to 450g/cm

End stop torque

: 5kg/cm