

The 33CS/36CS Series inductor family combines exceptionally high Q values only achieved by an airwound coil, with automatic placement capability. The high frequency range capability and durable mechanical stability make this component very attractive for signal conditioning in a wide variety of applications. The 33CS/36CS Series is an airwound coil designed for auto placement and compatibility.

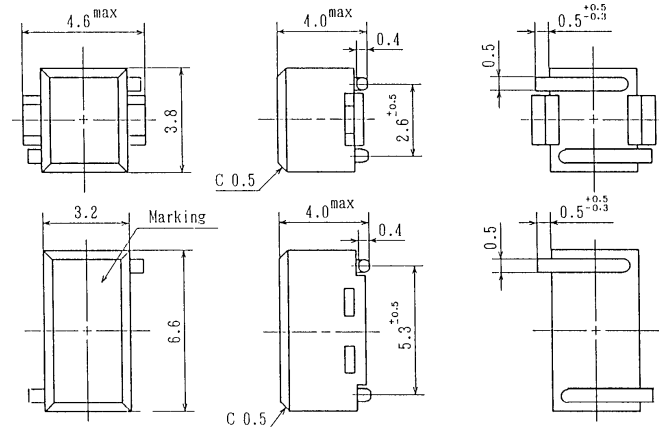
## Features

- Inductance Range: 6.8–49.8nH
- Machine autoplacable
- Reflow solderability
- High Q
- Excellent environmental and mechanical characteristics
- Packaged on tape and reel in 2,000 piece quantity

33CS



36CS



Tolerance:  $\pm 0.2$   
Unit: mm

## STANDARD PARTS SELECTION GUIDE

### TYPE 33CS

TOKO Part Number	Winding Turns	Inductance nH	Tolerance (%)	Q (min.)	Testing Frequency (MHz min.)	Self Resonant Frequency (MHz min.)	Rated DC Current (mA max.)
Y655LY-01K=P3	1.5	6.8	$\pm 20$	70	150	3,000	1,000
Y655LY-02K=P3	2.5	10.5	$\pm 20$	75	150	3,000	1,000
Y655LY-03K=P3	3.5	15.3	$\pm 10$	75	150	3,000	1,000
Y655LY-04K=P3	4.5	21.6	$\pm 10$	75	150	2,500	1,000

### TYPE 36CS

656LZ-05K=P3	5.5	22.0	$\pm 10$	85	150	2,500	1,000
656LZ-06K=P3	6.5	27.5	$\pm 10$	85	150	2,200	1,000
656LZ-07K=P3	7.5	33.1	$\pm 10$	85	150	2,000	1,000
656LZ-08K=P3	8.5	41.1	$\pm 10$	85	150	2,000	1,000
656LZ-09K=P3	9.5	49.8	$\pm 10$	85	150	1,700	1,000

Note: =P3 is added to each part number to indicate tape and reel packaging.