## **Air Core Inductors**



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.

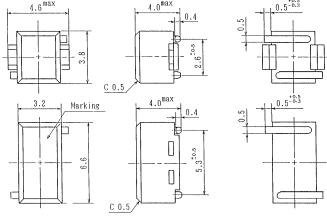
33CS 36CS





## **Features**

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



Tolerance: ±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 Y655LY-02K=P3 Y655LY-03K=P3 Y655LY-04K=P3	1.5 2.5 3.5 4.5	6.8 10.5 15.3 21.6	±10 ±10 ±10 ±10	70 75 75 75	150 150 150 150	3,000 3,000 3,000 2,500	1,000 1,000 1,000 1,000
TYPE 36CS							
656LZ-05K=P3 656LZ-06K=P3 656LZ-07K=P3 656LZ-08K=P3 656LZ-09K=P3	5.5 6.5 7.5 8.5 9.5	22.0 27.5 33.1 41.1 49.8	±10 ±10 ±10 ±10 ±10	85 85 85 85 85	150 150 150 150 150	2,500 2,200 2,000 2,000 1,700	1,000 1,000 1,000 1,000 1,000

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

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