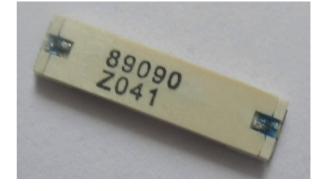
Type: CAS19D17C

♦ Product Description

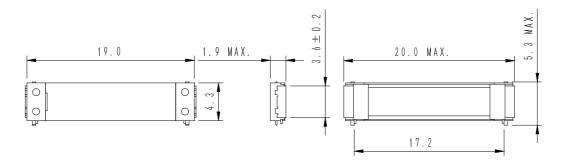
- * 20.0mm Max.×5.3mm Max(L×W), 1.9mm Max. Height.
- * Operating Temperature: -40° C $\sim +85^{\circ}$ C.

♦ Feature

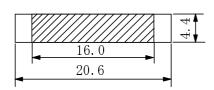
- * Thin LF receiver Antenna.
- * Low profile.
- * High Sensitivity and Reliability.
- * RoHS Compliance.



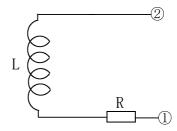
◆ Mechanical dimensions (unit: mm)



♦ Suggested PCB layout(unit: mm)



Schematic diagram



- L: Ferrite core coil inductance.
- R: Copper resistance.



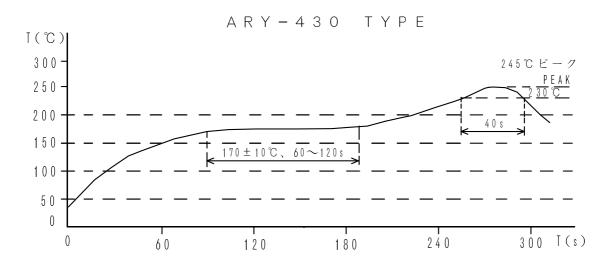
Type: CAS19D17C

Electrical Characteristics

Part No.	Inductance	Qu	D.C.R. (Ref.)	SRF	Measuring conditions
CAS19D17C-702	7.0mH±4%	Min.40	82.5Ω	Min. 400kHz	132.45kHz,1V
CAS19D17C-232	2.3mH±4%	Min.30	26.5Ω	Min. 400kHz	125kHz,1V

* It is possible for different inductance value.

◆ Recommended Reflow profile



- * Lead Free Reflow Profile.
- * The reflow condition recommended above is according to the machine used by our company.

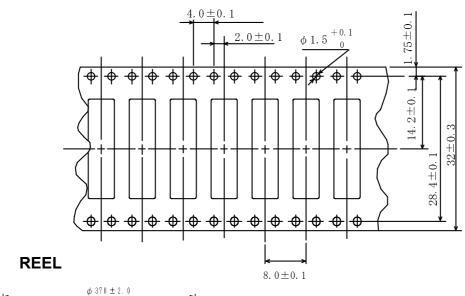
 Big differences will arise as a result of the type of machine, reflow conditions, method, etc used.

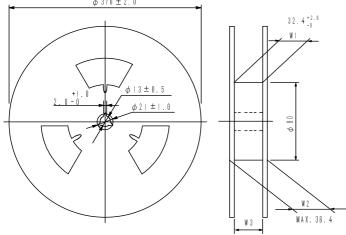


Type: CAS19D17C

Packaging specification

Taping specification (According to EIA481)





Packaging: 2000pcs/reel

Item	Materials		
Carrier tape	Polystyrene or Polypropylene		
Cover tape	Polyester		
Reel	Cardboard		



