

WWCI Series

SMD Wire Wound Ceramic Inductor

Size 0402

CHARACTERISTICS

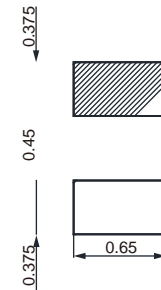
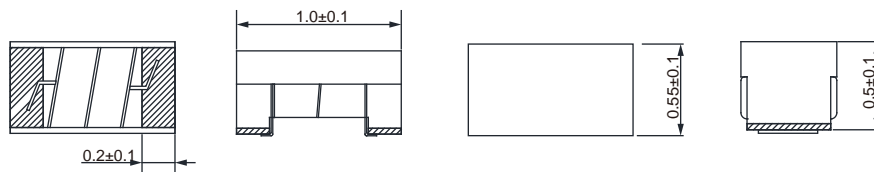
- ± 0.5% (0.1% for 100k and 100k7)
- U
- 0
- j

APPLICATION

-

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

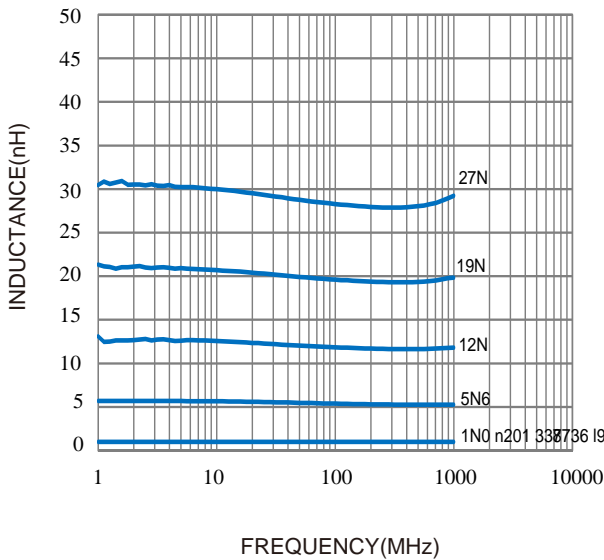
Part No	Test Condition @MHz	Tolerance	Temperature Rise Current Max. (mA)	Q Min. @250MHz	Q Typ. @900 MHz	DCR Max. ()	SRF Min. (MHz)
± ± #@ V "					26		
± ± #@ V "					29		
± ± #@ V "							
± ± #@ V "					32		
± ± #@ V "					35		
± ± #@ V "							
± ± #@ V K							
± ± #@ V K					43		
± ± #@ V K							
± ± #@ V K					45		
± ± #@ V K					45		
± ± #@ V K				23	49		
± ± #@ V K				23	46		
± ± #@ V K				23	49		
± ± #@ V K							
± ± #@ V K				25			
± ± #@ V K				25	49		
± ± #@ V K							

Part No	Inductance (nH)	Test Condition @MHz	Tolerance	Temperature Rise Current Max. (mA)	Q Min. @250MHz	Q Typ. @900 MHz	DCR Max. ()	SRF Min. (MHz)
† † # @ VK	56		±5%		22	42		
† † # @ VK			±5%		22	36		
† † # @ VK			±5%			34		
† † # @ VK			±5%			33		
† † # @ VK			±5%					
† † # @ k K			±5%					
† † # @ k K			±5%			29		

$\frac{1}{u} = \frac{1}{\sqrt{1 - \left(\frac{f}{f_{SRF}}\right)^2}}$

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperature Rise VS. Frequency Characteristics:

