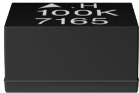


B82422H1103K000



Applications	Automotive Grade
Feature	AEC-Q200
	No Directivity
	Wire Wound
	Ferrite Core
Series   Type	B82422H
Status	Production
Brand	EPCOS



Size	
Length(L)	3.20mm ±0.20mm
Width(W)	2.50mm ±0.20mm
Thickness   Height	2.20mm ±0.20mm
Recommended Land Pattern (A)	2.70mm Nom.
Recommended Land Pattern (B)	1.15mm Nom.
Recommended Land Pattern (C)	2.10mm Nom.

Electrical Characteristics	
Inductance	10μH ±10% at 2.52MHz
Rated Current (L Change) [Typ.]	620mA (30% Down)
Rated Current (L Change) [Min.]	560mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	500mA (45°C Rise)
Rated Current (Temperature Rise) [Min.]	
DC Resistance [Typ.]	
DC Resistance [Max.]	480mΩ
Self Resonant Frequency [Min.]	30MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	12 at 2.52MHz
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 150°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 8mm]
Package Quantity	2000pcs
Weight	Approx. 0.05g

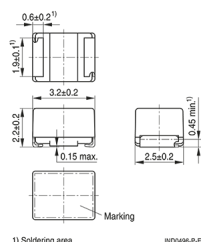
! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

B82422H1103K000



## Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)

