Creation Date : October 29, 2020 (GMT)

Inductors (Coils)

B82422T1221J000

RoHS | REACH SVHC-Free | Halogen Free | Lead Free

Applications	Automotive Grade
Feature	No Directivity No Directivity Wire Wound Wire Wound Ferrite Core Ferrite Core AEC-Q200 AEC-Q200
Series | Type	B82422T
Status	Production
Brand	EPCOS



Size	
Length(L)	3.20mm +0.30mm
Width(W)	2.50mm +0.30mm
Thickness | Height	2.00mm ±0.10mm
Recommended Land Pattern (A)	2.70mm Nom.
Recommended Land Pattern (B)	1.15mm Nom.
Recommended Land Pattern (C)	2.10mm Nom.

Electrical Characteristics	
Inductance	220nH ±5% at 25.2MHz
Rated Current	450mA
DC Resistance [Typ.]	
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	500MHz
Self Resonant Frequency [Typ.]	
Q [Min.]	30 at 25.2MHz
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°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.

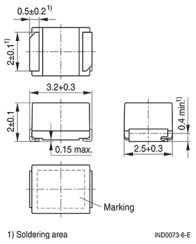
Copyright(c) TDK Corporation. All rights reserved.

Inductors (Coils)

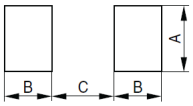
B82422T1221J000

Associated Images

Shapes and Dimensions



Land Pattern (Terminal Connection)



! 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.

Copyright(c) TDK Corporation. All rights reserved.