



SMD Low Profile High Current Molded Inductor Size 1350

Shielded construction

Ultra low buzz noise, due to composite construction.

AEC-Q200 qualified

Operating temperature: -55 to +155 °C(including self-temperature rise)

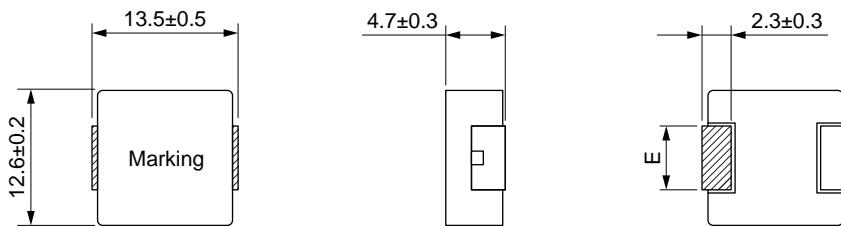
Quantity: 500PCS

Noise filter for various drive circuitry requiring high temp. operation and peak current handling capability.

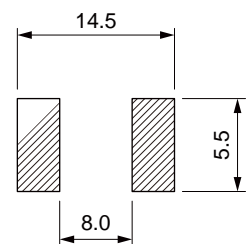
Boost-Converter

Buck-Converter DC/DC

Dimensions: [mm]



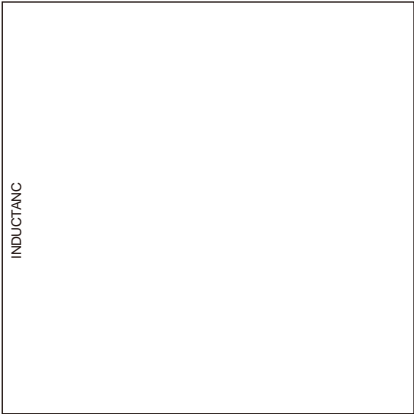
Land Pattern: [mm]



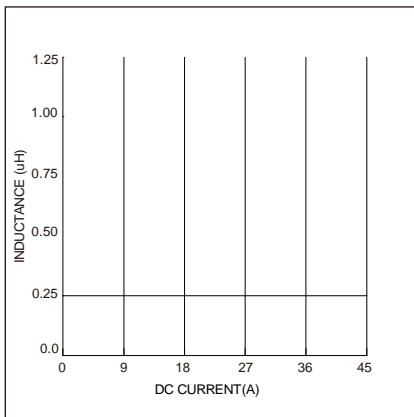
Electrical Properties:

Part Number	Inductance [mH]	DC Resistance [mΩ]	Q Factor	Self-Resonant Frequency [MHz]	Temperature Coefficient of Inductance [%/°C]	Temperature Coefficient of Resistance [%/°C]	Temperature Coefficient of Q Factor [%/°C]
MDSA1350-R22M	22	54.7	0.50				
MDSA1350-R47M	47						
MDSA1350-R68M	68		50.0			1.58	
MDSA1350-1R0M	1.0						
MDSA1350-1R5M	1.5	1.50					
MDSA1350-2R2M	2.2		25.9				
MDSA1350-3R3M	3.3	15.4					
MDSA1350-4R7M	4.7						
MDSA1350-6R8M	6.8						
MDSA1350-100M	100						
MDSA1350-150M	150	15.0					

Typical Electrical Characteristics:



Typical Electrical Characteristics:

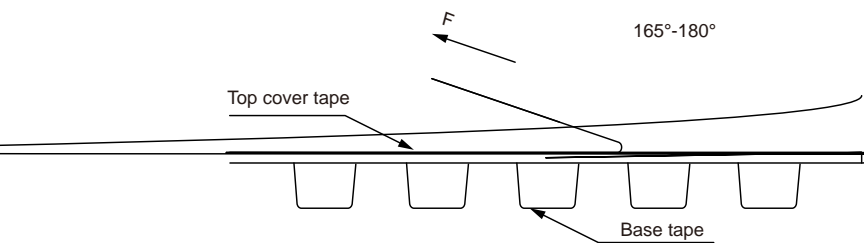


Soldering Reflow:

Packaging Information:

Tape Dimension :

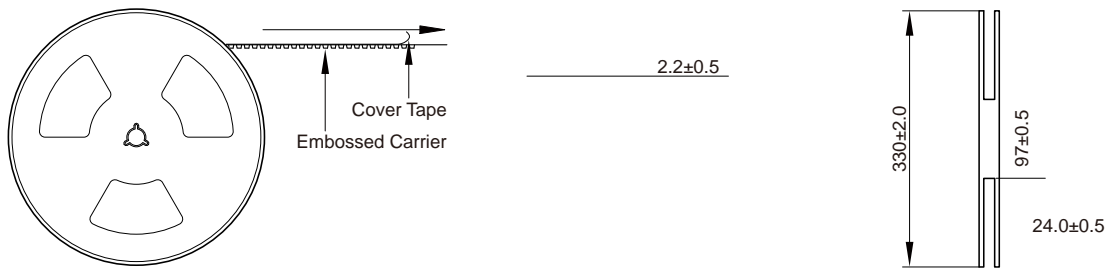
Peel force of top cover tape:



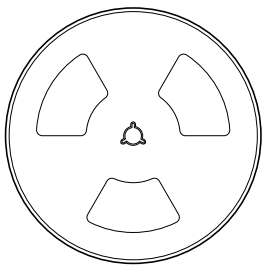
FZWbVWxAdJMaXfab UahWdSbWeZS^TWi VW " # fa #2%@



Reel Dimension : [mm]



Packaging Quantity:



' "" BUe! DVW

\$ DVW!; `` WtTaj / # "" BUefi

\$; `` WtTaj ! 5Scfa` Taj / \$ = BUefi

Cautions and Warnings:

Storage Conditions :

Operation Instructions: