

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)

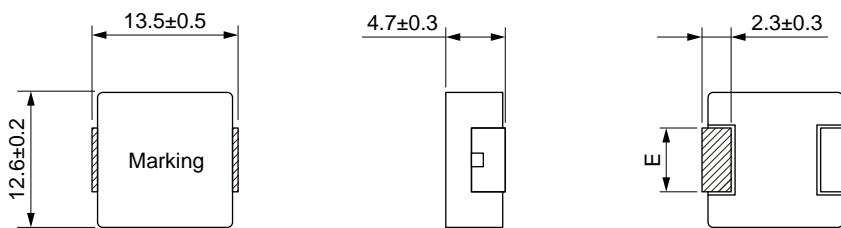
Quantity: 500PCS

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

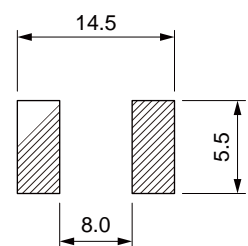
Boost-Converter

Buck-Converter DC/DC

Dimensions: [mm]



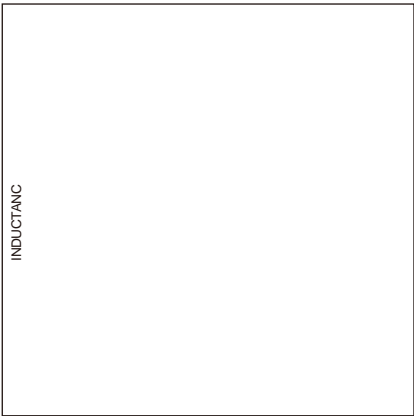
Land Pattern: [mm]



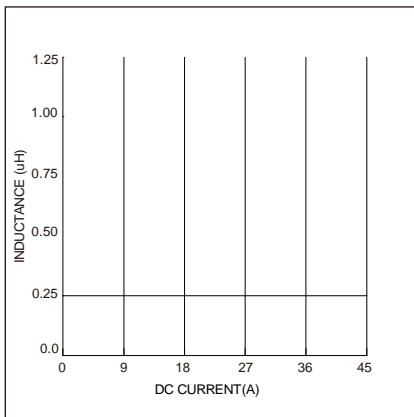
Electrical Properties:

| Part Number | Inductance (mH) | DC Resistance (mΩ) | Q Factor | Self-Resonant Frequency (MHz) | Temperature Coefficient (%) | Temperature Stability (%) | Temperature Derating (%) |
|---------------|-----------------|--------------------|----------|-------------------------------|-----------------------------|---------------------------|--------------------------|
| 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:



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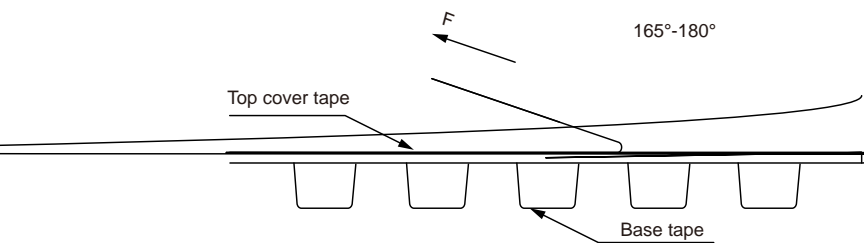


Soldering Reflow:

Packaging Information:

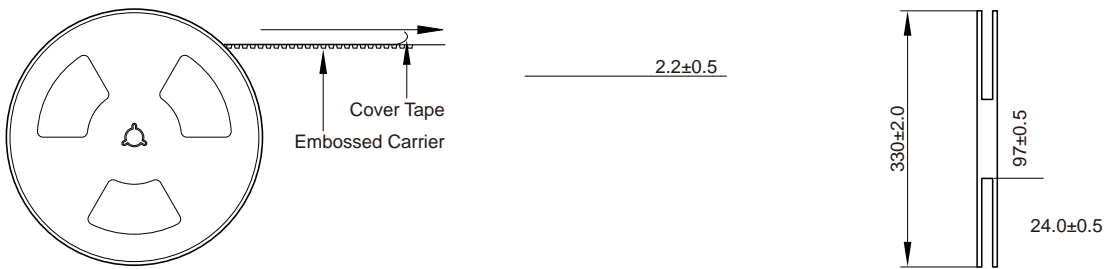
Tape Dimension :

Peel force of top cover tape:

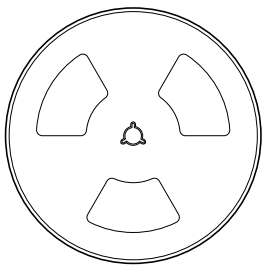


FZWbVWXdJMaXfab UahWdSbWeZS^TWi VW " # fa #2%@

Reel Dimension : [mm]



Packaging Quantity:



1 " " BUe! DVW

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

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

Cautions and Warnings:

Storage Conditions :

Operation Instructions: