SDE0604A Series - SMD Power Inductors

Inductance vs. IDC SDE0604A-3R3M SDE0604A-100M L @ 25 °C --L@125 °C L @ 25 °C --L@125 °C 4.0 12.0 10.0 3.0 How to Order 8.0 L (µH) (Hrl) 2.0 6.0 Model -4.0 1.0 Value Code (see table) 2.0 0.0 0.0 2.0 3.0 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 5.0 0.0 1.0 IDC (A) IDC (A) SDE0604A-101K SDE0604A-330M --L@125 ℃ --L@125 °C @ 25 °C L @ 25 °C 40.0 120.0 35.0 100.0 30.0 80.0 25.0 L (µH) L (µH) 60.0 20.0 15.0 40.0 10.0 20.0 5.0 0.0 0.0 0.0 0.2 0.6 0.8 1.0 0.4 0.5 0.0 1.0 1.5 2.0 IDC (A) IDC (A) SDE0604A-3R3M SDE0604A-100M — ΔT @ 25 °C -____ΔT @ 25 °C 70.0 70.0 60.0 60.0 50.0 50.0 ()°) (0°) 40.0 40.0 ${\bf \Delta}_{\rm I}$ 30.0 ΔT 30.0 20.0 20.0 10.0 10.0 0.0 0.0 0.0 0.5 3.0 1.0 1.5 2.0 2.5 3.0 0.0 1.0 2.0 4.0 5.0 3.5 IDC (A) IDC (A) SDE0604A-330M SDE0604A-101K — ΔT @ 25 °C _____ΔT @ 25 °C 70.0 70.0 60.0 60.0 50.0 50.0 ΔT (°C) 40.0 ŝ 40.0 ΔT 30.0 30.0 20.0 20.0 10.0 10.0 specific applications. 0.0 0.0 0.0 0.5 1.0 1.5 2.0 0.0 0.2 0.4 0.6 0.8 1.0 IDC (A) IDC (A)

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Electrical Schematic



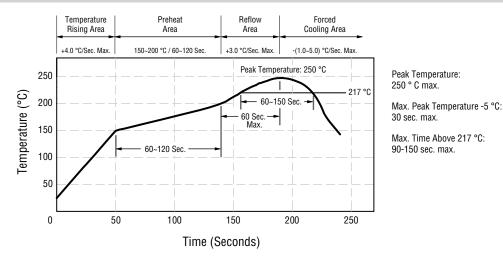
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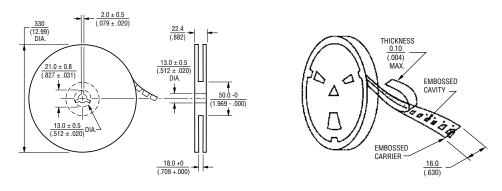
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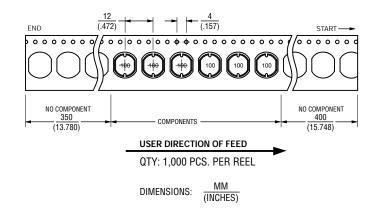
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Soldering Profile



Packaging Specifications





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Users should verify actual device performance in their specific applications.

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