Surface Mount Series 766

Narrow Body Design
- Series 766 requires 30% less board space than molded products of the same power rating
- Packaged in tape and reel or slide packs
- Solid ceramic construction
- Meets EIA PDP 100 SOQN-001 outline
- No internal dendrite growth
- Application specific circuits are available
- Compatible with all solder processes
- Wave, IR reflow, Vapor phase reflow
- Recommended for bottom side attachment

Resistance Range:
Standard: 10kΩ to 1 MΩ

Resistance Tolerance:
Standard: ±5% or ±1% (whichever is greater)
Special: ±0.25% or ±0.1% (whichever is greater)

Maximum Operating Voltage:
50V not to exceed rated power

Temperature Coefficient:
Standard: ±50Ω to ±100Ω/°C typical
10Ω to 99Ω ±250Ω/°C typical

Operating Temperature Range:
-55°C to +125°C

Dielectric Strength:
100 VAC

Power Rating (Total Network Power):
8 Pin 14 Pin 16 Pin
@25°C 0.70W 1.5W 1.2W
@70°C 0.6W 1.0W 1.2W

Maximum Resistor Power:
Not to exceed total network power
Schematic 1 3 5 7
@25°C 0.12W 0.24W 0.12W 0.12W
@70°C 0.06W 0.16W 0.06W 0.06W

Bussed CTS Schematic 1

Isolated CTS Schematic 3

Dual Terminator CTS Schematic 5

R/2R Ladder CTS Schematic 7

How to Order 766 Products

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