

SURFACE MOUNT POWER WIREWOUND RESISTORS

3SM Series

FEATURES

- Easy replacement of axial power wirewound resistors without performance loss.
- Performance improvement is obtained by close tolerance, very low temperature coefficient and stability in operation under severe environmental conditions.
- High level reliability due to ceramic core chemically inert and centerless ground, selected wire element and completely welded construction terminal to terminal.
- The whole assembly is silicon coated and thermoplastic UL94-V0 moulded to give maximum wire protection from -55°C to +220°C.



TECHNICAL SPECIFICATIONS

Specifiche

- Power rating : 3 W at 70°C, mounted on FR4 board 1.6 mm
- Resistance range : from R10 to 10K. E12 series, other on request
- Tolerance : Standard 5%, up to 1% on request
- TCR : Typical values ± 100 to ± 30 ppm from R10 to 10K
- Maximum continuous working voltage : 200 Vac
- Thermal resistance : 50 °C/W
- Derating : Linear from 70°C to 220°C
- Dielectric Strength : 1000 Vac
- Insulation resistance : 1000 MOhm minimum
- Overload : 5s at 5 times power rating
- Non inductive : Ayrton-Perry winding, max. 4K7
- Weight : 2.5 g
- Climatic category : 55/220/56
- Packaging : Reel 330 mm, blister 32 mm, pitch 12 mm, 700 pcs

