

Resistor

(SFM Series)

THIN FILM CHIP COMPONENTS

Vishay Electro-Films

Top Contact Center

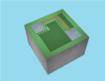
Center Tapped Resistor (CTR Series) Substrate materials: silicon, alumina, quartz, BeO, AlN Resistor films: tantalum nitride, nickel chromium Contact metallizations: wirebondable gold, wirebondable aluminum, solderable gold, solder dipped

Case sizes range from 015015 to 0808 Resistance values range from 1 M Ω to 20 M Ω TCR as low as ± 25 ppm/°C Tolerance as low as ± 0.1 %

High Power Back

Contact Resistor

(IGBR Series)



Mini Top Contact Resistor (MSFM Series)



Single Value Chip Capacitor (NC Series) Binary MOS Capacitor (CB Series) Capacitance values range from 0.25 pF to 1000 pF Tolerance as low as 0.5 pF MOS and MNOS dielectric options Inductance values range from 3.9 nH to 30 nH in increments

Vishay EFI specializes in **high frequency** products Measured frequency up to **20 GHz** High frequency products available in **resistors, capacitors, and spiral inductors**

Microwave Resistor

(MIC Series)



RF Spiral Inductor (RFLW Series)

Sidewall Patterning (SDWP Series)



ing 80/20 AuSn with Au-Filled Vias Vishay EFI also offers **custom-designed submount options Assembly options:** wirebondable, solderable, epoxy-attach **Capabilities:** side-wall patterning, AuSn, Au-filled vias, edge wraps, air-bridges, and laser-machined custom substrates

For more information and questions please contact <u>efi@vishay.com</u> Vishay EFI Products: <u>www.vishay.com/company/brands/electro-films/</u>



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