

RF series, high-precision, high-frequency chip resistors.

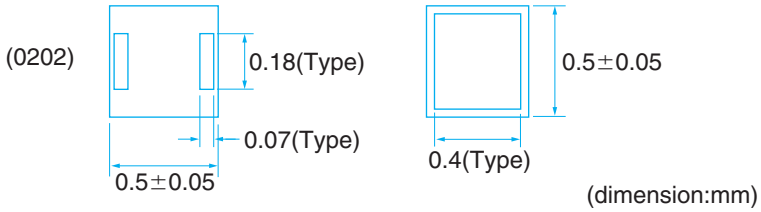
SSM THIN FILM TECHNOLOGY

For wire bonding application, we have realized extremely small package size, 0.5mm×0.5mm. A reflection characteristic of −15dB is guaranteed at frequencies up to 15GHz. Ideal for transmitting/receiving applications in optical communications devices.

RoHS compliant | Completely lead free

SPECIFICATIONS

Mechanical



Electrical

Type	RF0505	
Resistance (Ω)	50	100
Tolerance %(code)	±5%(J)	
TCR ppm /°C(code)	±100ppm/°C (R)	
Power Rating	1/16W	
Max rated Operating Temperature	+70°C	
Max Operating Temperature	+125°C	
Frequency characteristics	DC ～15GHz Reflection characteristic −15dB max	
Plated electrodes and bottom side	Au-plated(1.5μm thickness)	

· Other resistance values,structure of elctrode are available.

PART NUMBER

RF 0505 R - 500 - J

- J — Resistance Tolerance
- 500 — Resistance
- R — Temperature Coefficient of Resistance
- 0505 — Dimensions
- RF — Part Code