



Anaren High Frequency Chip Resistor

Electrical Specifications:

	Room (25 °C)		
	Min.	Тур.	Max.
Resistance (Ω)	47.5	50	52.5
TCR (ppm / °C)	-200		+200
Power (W)			1.0
Operating Temperature (°C)	-55		150
Frequency Range (GHz)	DC		5
Return Loss (dB)			10

Specifications subject to change with out notice.

Features:

- RF Performance up to 5 GHz
- 50 Ω
- 10 mil 96 % Alumina
- **Non-Nichrome Resistive** Element
- Terminals:

Au/Sn Solder over Gold

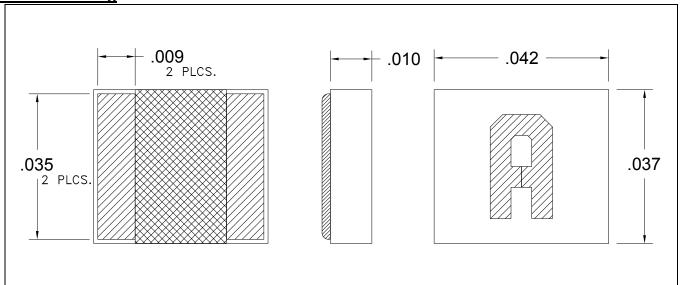
- Solder Attach
- **Tolerance 5%**

Description

- Thick Film chip resistor with gold terminals with Au/Sn solder.
- Base Material is 10 mil 96% Alumina.
- Other values available.

Outline Drawing

Dimensions shown in inches ±0.002 unless otherwise shown



C1A101050R0J4A0 (097) Rev B



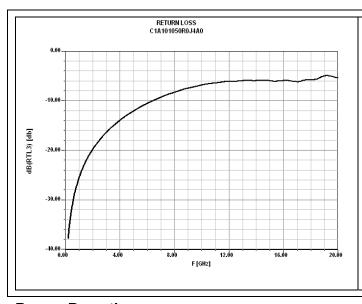


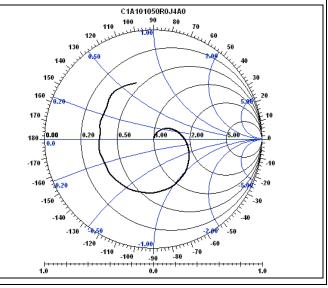
Available on Tape and Reel For Pick and Place Manufacturing.

USA/Canada: (315) 432-8909 Toll Free: (800) 544-2414 +44 2392-232392 Europe:

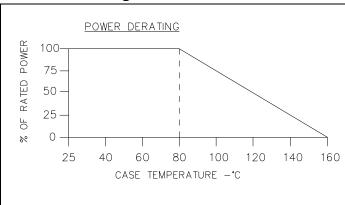


Performance Specifications:

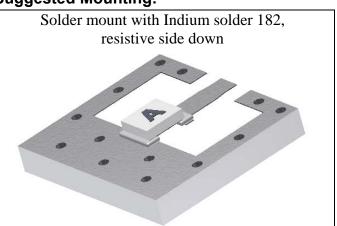




Power De-rating:



Suggested Mounting:



Description of Standard Tests as specified by options in Part Number				
	Change in Resistance			
Parameter	Limit	Typical	Test Method	
Resistance	± 5%	50 Ω	Measurement at 25°C	
T.C.R (ppm / °C)	± 200		Measurement at +25°C to-55°C and +25°C to +125°C	
Overload (Short Time)	±2%	±0.5%	R ted Voltage x 2.5 for 5 seconds	
Thermal Shock	±0.5%	±0.3%	-55°C (30 minutes), +125°C (30 minutes), 100 cycles	
Life Test	±3%	±1%	70° C ± 2°C, 1000 hours, 1.5 hr ON, 0.5 hr OFF cycle	
High Temperature Exposure	±1%	±0.3%	+125°C, 1000 hours +155°C, 1000 hours	

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