

April 10, 2017

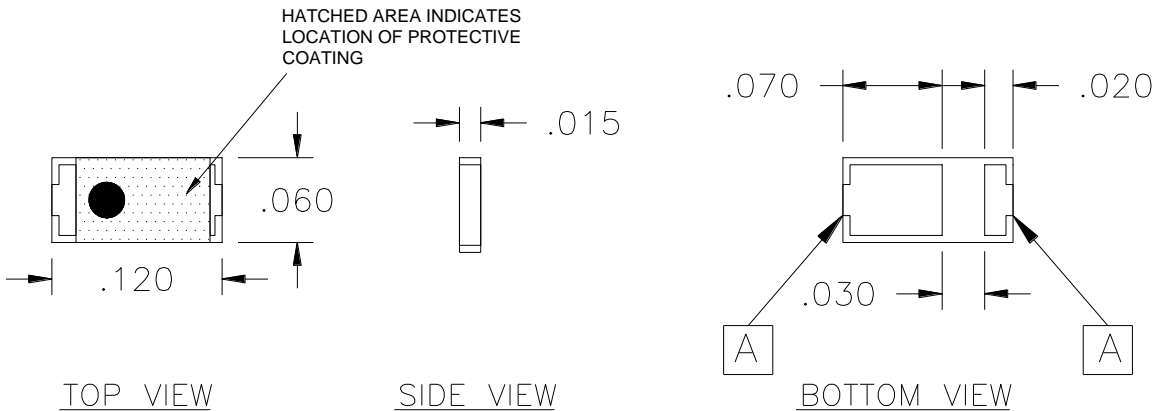
Notice of Product Change

| | | | |
|---------------|----------|-----------------|-----|
| Customer: | Multiple | Anaren Order# | |
| Customer P/N: | | Anaren Waiver # | |
| Anaren P/N: | C8A50Z4A | Qty Affected: | All |

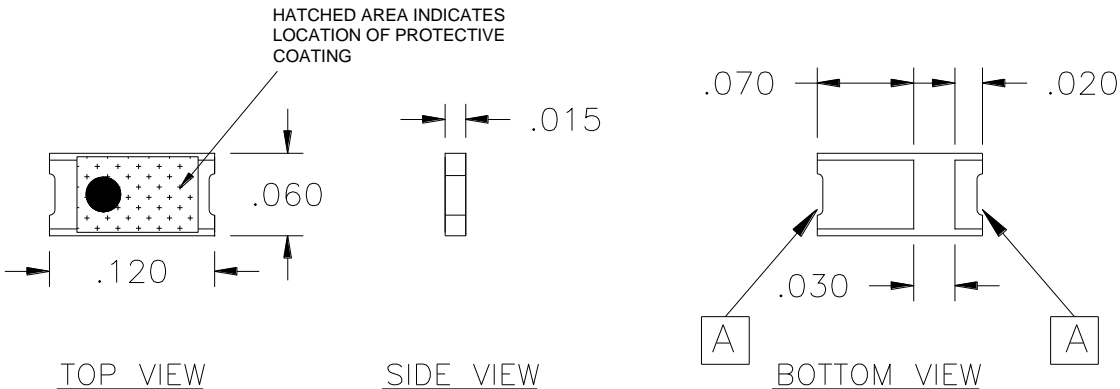
Notice of Change(s):

As part of Anaren’s continuous improvement effort, the C8A50Z4A is being updated. This change is part of ongoing product line quality and process improvements. Parts would still continue to maintain the same footprint, power handling and RF performance as specified in the datasheet of the C8A50Z4A. A comparison of the current part and updated parts mechanical outline, and specifications are attached below. Please see detail A below.

Current



Updated



| <u>SPECIFICATIONS</u> | <u>CURRENT C8A50Z4A</u> | <u>UPDATED C8A50Z4A</u> |
|------------------------------|--|--|
| Resistance Value: | 50 Ohms, ± 2% | 50 Ohms, ± 2% |
| Power: | 8 Watts | 8 Watts |
| Frequency Range: | DC – 6.0GHz | DC – 6.0GHz |
| Return Loss | >19 dB DC – 6.0GHz | >19 dB DC – 6.0GHz |
| Operating Temperature | -55°C to +125°C | -55°C to +125°C |
| Resistive Element | Thick Film | Thick Film |
| Substrate | Al ₂ O ₃ Ceramic | Al ₂ O ₃ Ceramic |
| | | |

Reason for Change(s):

This change is part of a manufacturing capability improvement which will allow Anaren to produce product with either edge wrap or via configurations. The ground wraps on the chip of the C8A50Z4A have been changed from traditional edge wraps to vias. This change will prove to have no impact on current Electrical and Mechanical specs of the part and the two configurations can be considered interchangeable.

Specification Change Timeline:

Exact availability dates are subject to change, but based on forecast and current run rates, Anaren anticipates that the current inventory and WIP of edge wrap product will be consumed around June 1st, 2017. Subsequent shipments after this date will primarily be of the updated C8A50Z4A with via wrap. Depending on demand product may be manufactured with either configuration.

Anaren will inform the customer when the first shipment of the updated product goes out and if required, samples can be made available to help determine the impact of this change on the customer's system.

If you have any questions or need further information, please call me at 1-800-544-2414 or send an e-mail to brian.buyea@anaren.com.

Sincerely,
 Brian Buyea
 Project Management Engineer – Wireless Resistive Products
 Anaren Microwave Inc.