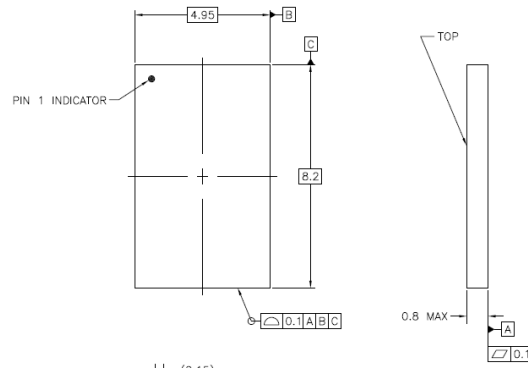## Data Sheet Drawing

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My understanding....

The sides of the part that lie along datums B &C (solid blue lines) are considered ideal or perfect, the other edges of the part will need to lie in a 0.1 profile zone (blue dotted line) that is 0.05 on either side of ideal part edge.

While technically the GD&T profile tolerance of 0.1 is slightly more restrictive, this can be approximated as a 4.9+/-0.05 and 8.2+/-0.05 symmetrical tolerance.

The "A" datum call out controls the top surface of the part; however, in this case, it is over ridden by the 0.8 MAX thickness dimension.

4.9 · B

C

TOP

PIN 1 INDICATOR

8.2

M

0.1 PROFILE TOLERANCE ZONE

⌒ 0.1 A B C

0.8 MAX. · A

▱ 0.1

.05 — 0.1 Profile zone, 0.05 on each side of ideal part edge

.05

IDEAL PART EDGE

DETAIL M
(Not Drawn to Scale)