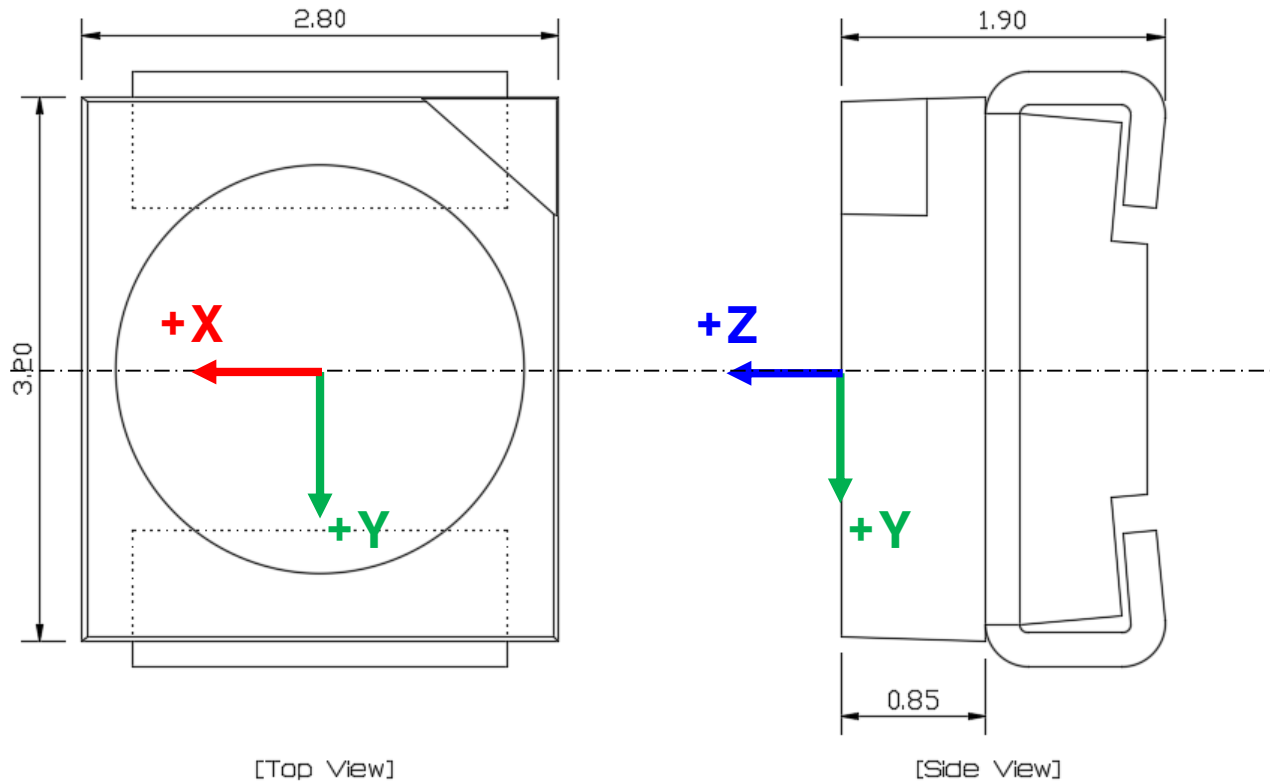
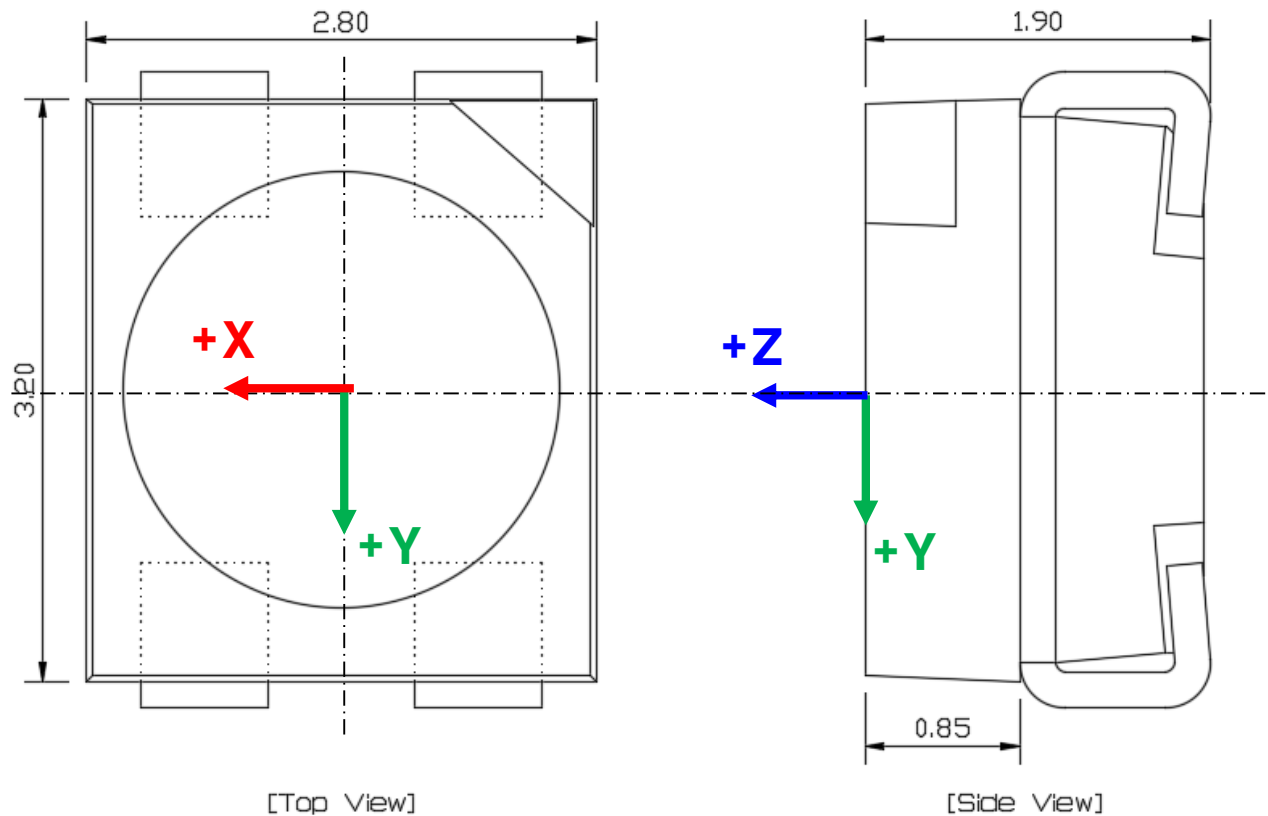


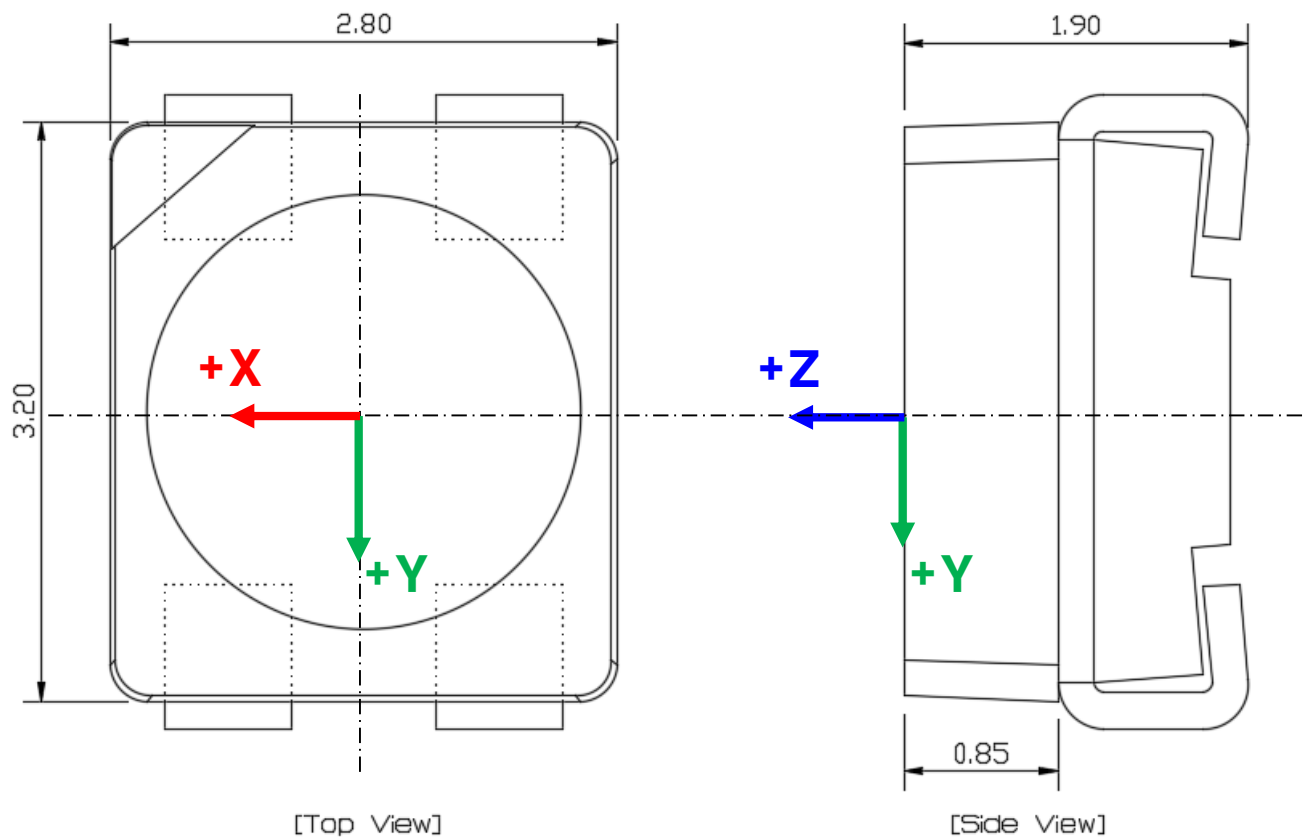
# **Samsung Automotive LED PKG Rayfile Guide**



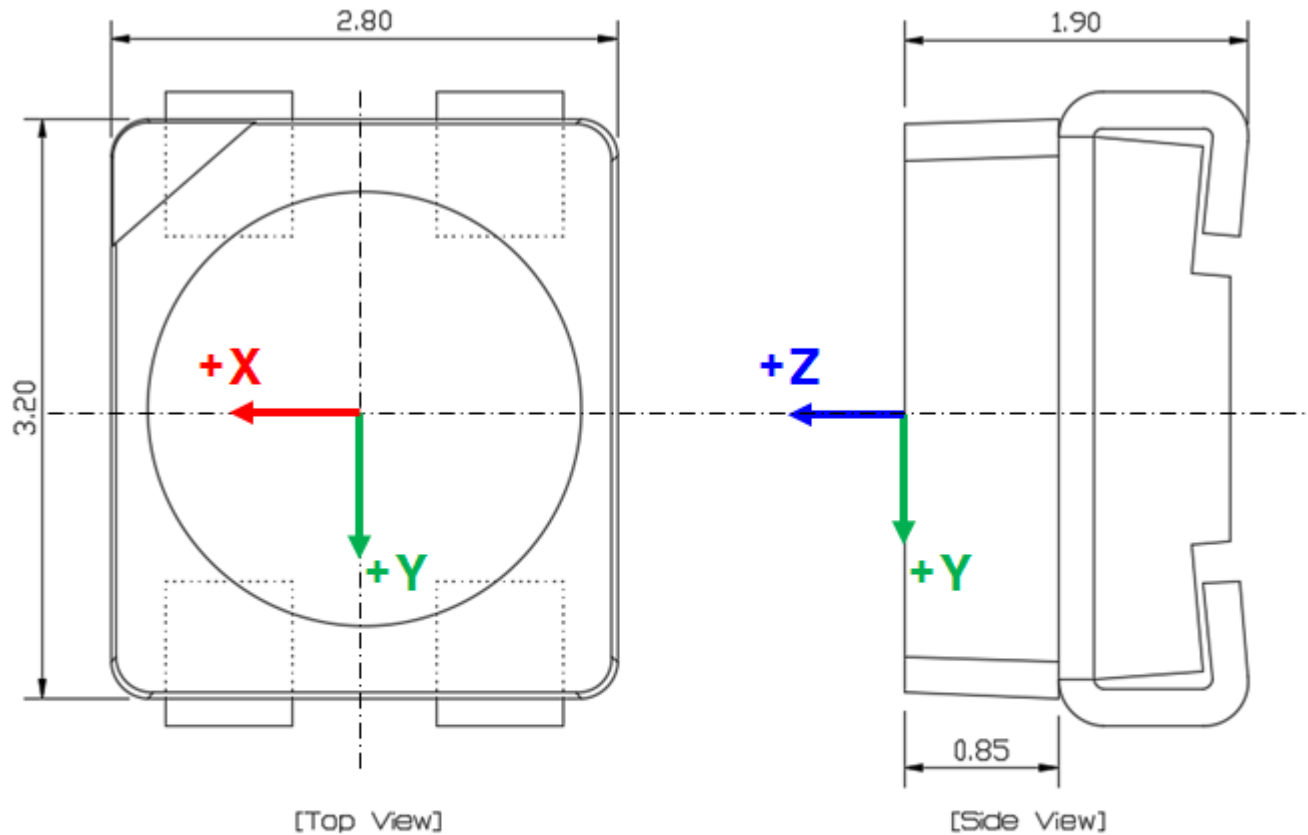
**Measuring Point = PKG center**



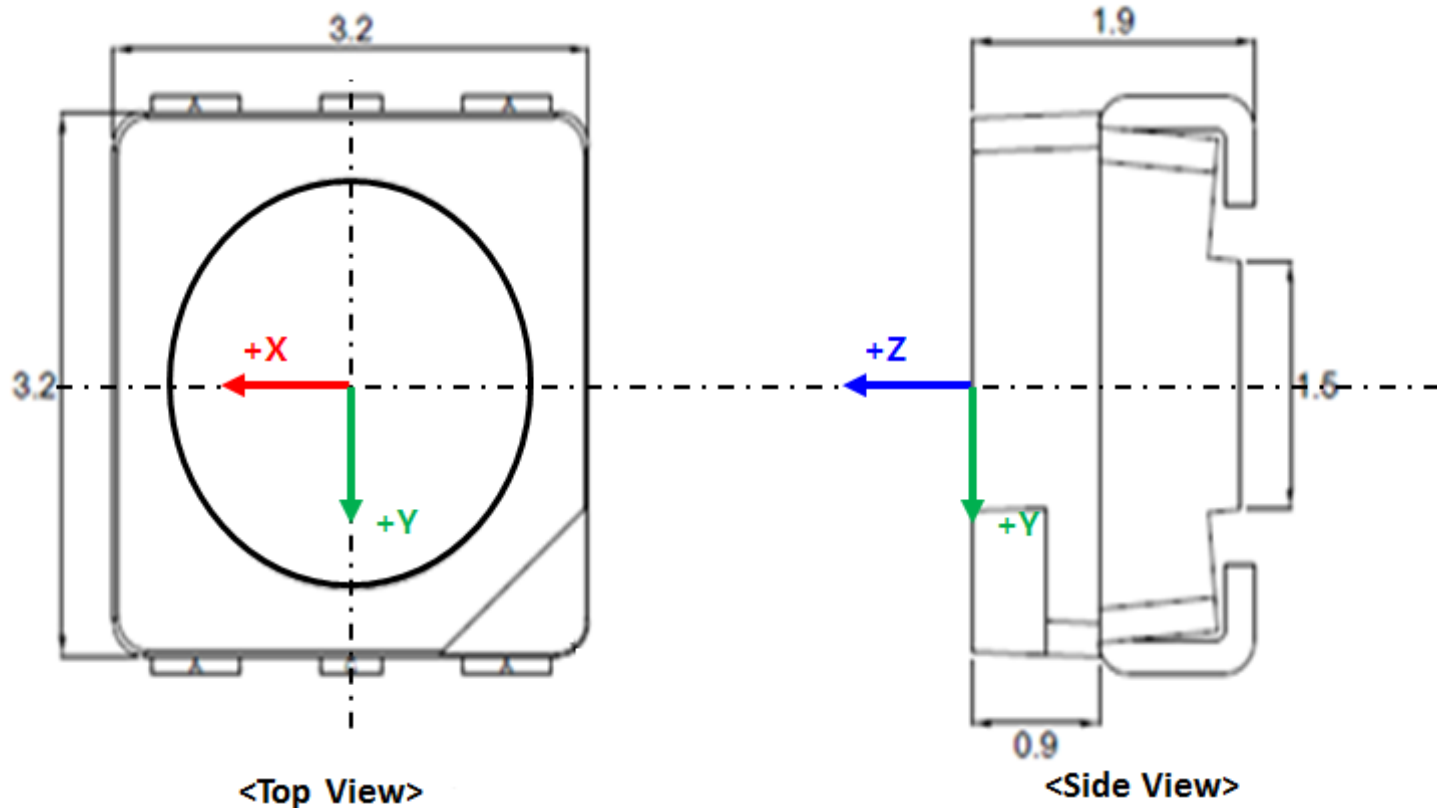
**Measuring Point = PKG center**



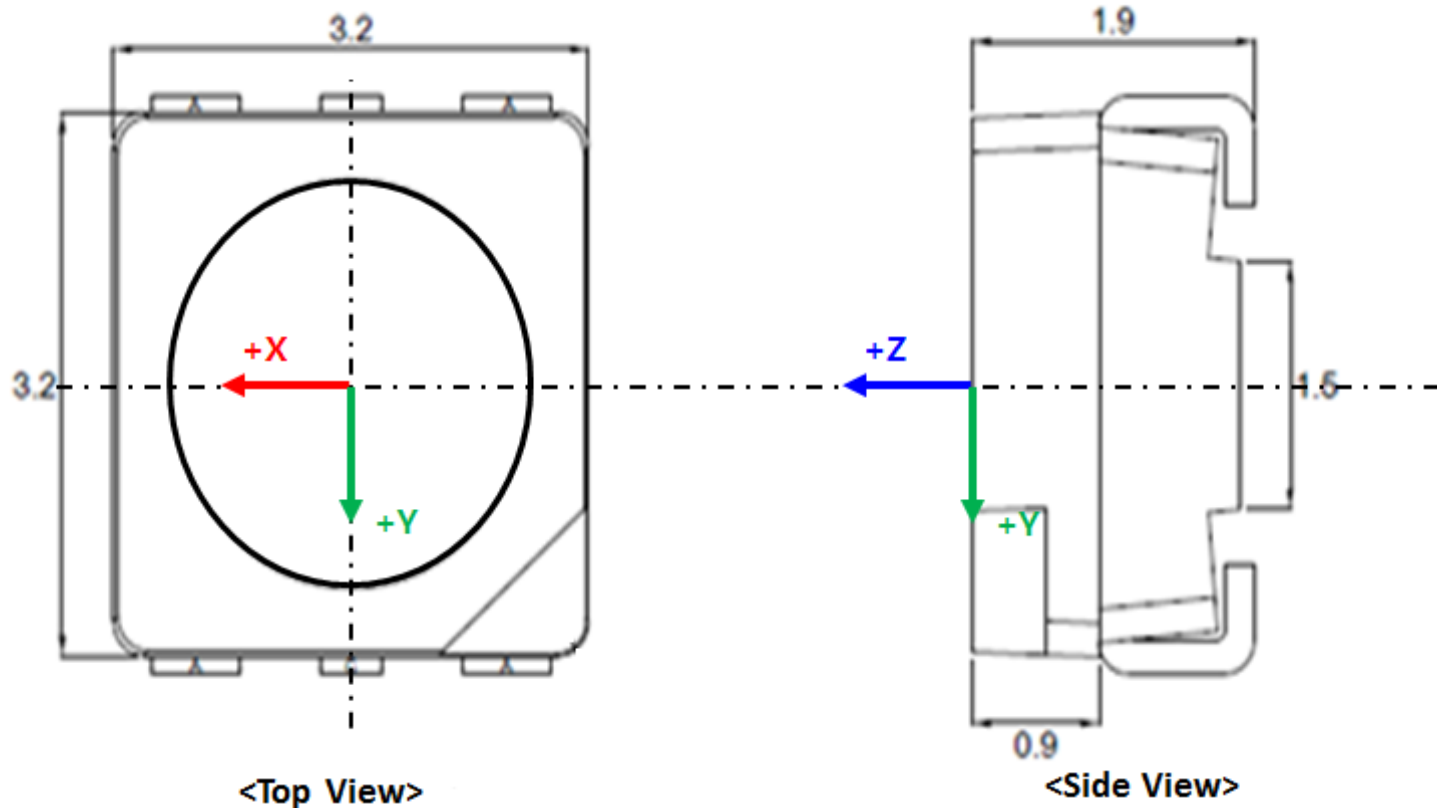
**Measuring Point = PKG center**



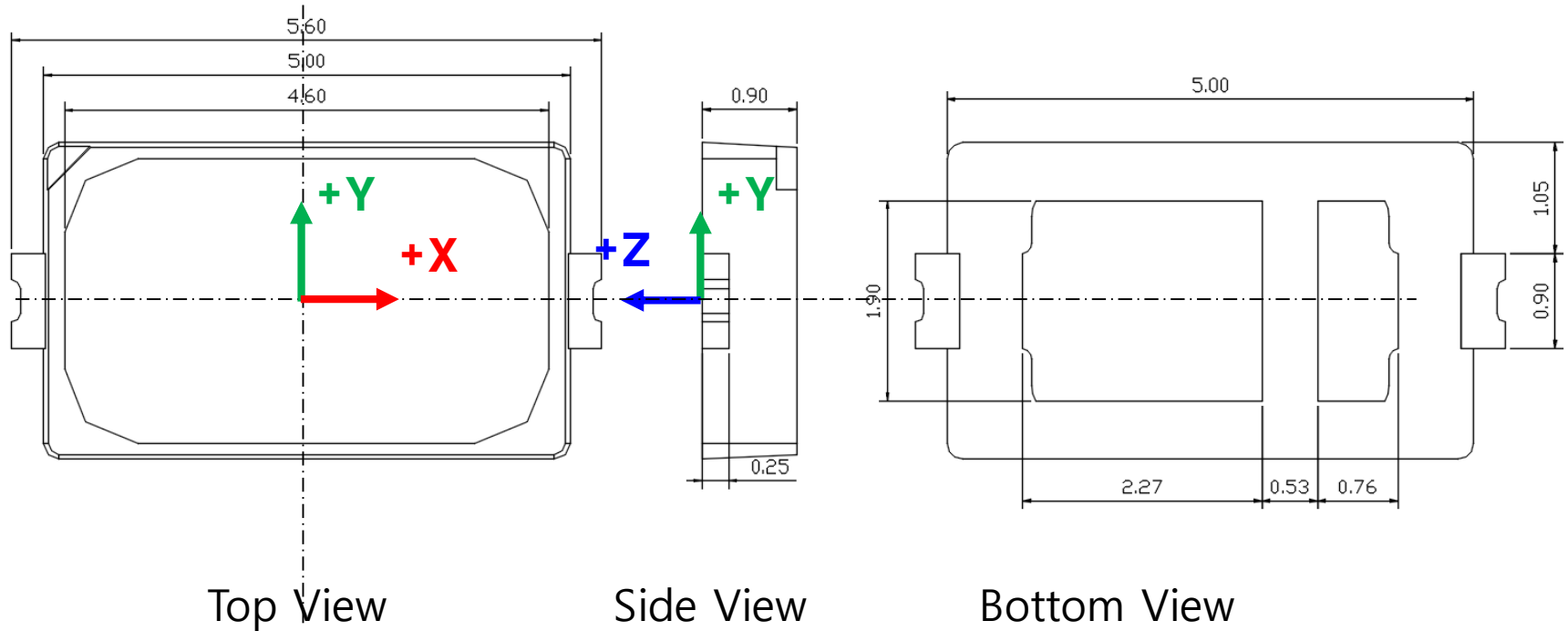
**Measuring Point = PKG center**



**Measuring Point = PKG center**

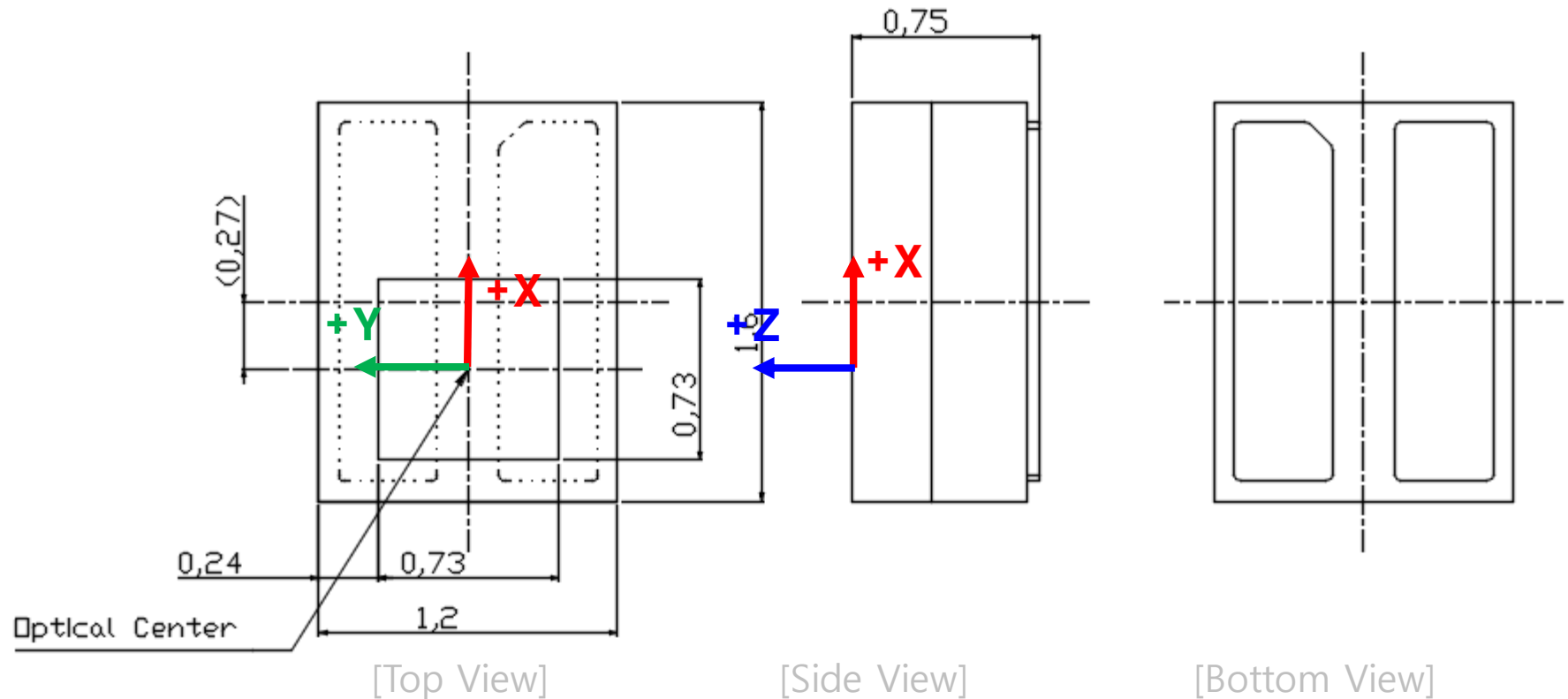


**Measuring Point = PKG center**



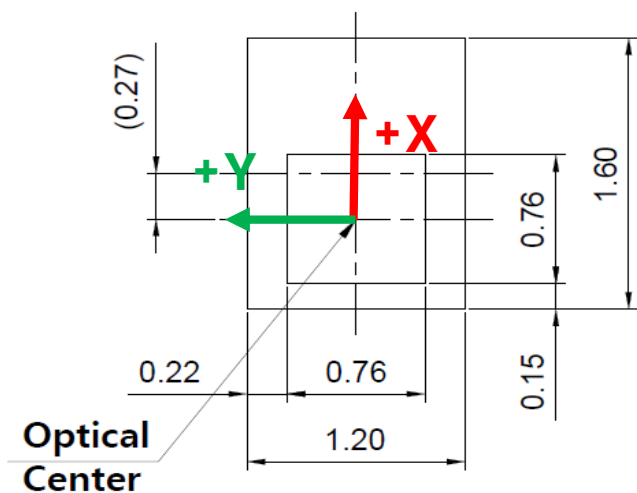
**Measuring Point = PKG center**





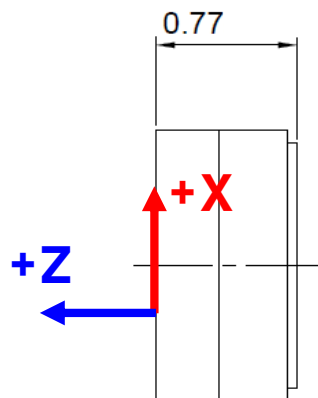
**Measuring Point = Chip center**

Top View



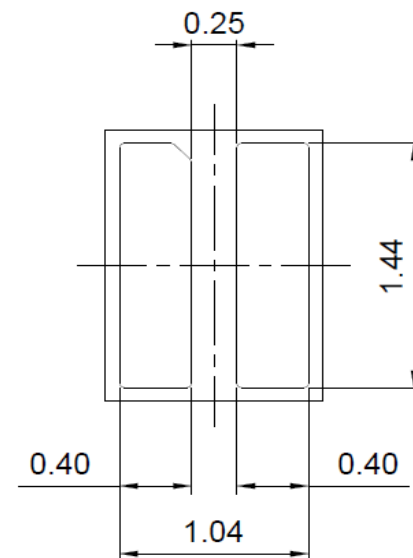
[Top View]

Side View



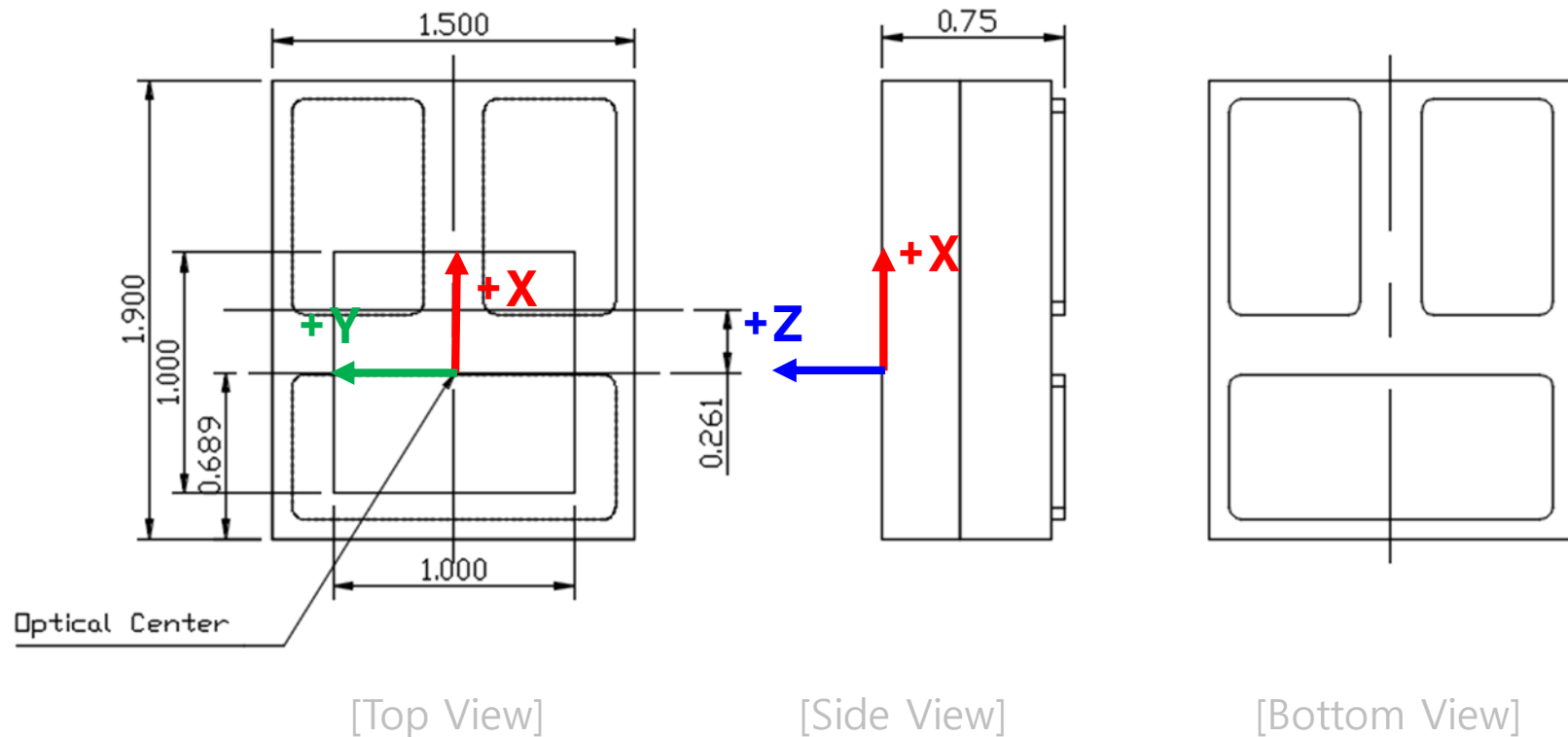
[Side View]

Bottom View

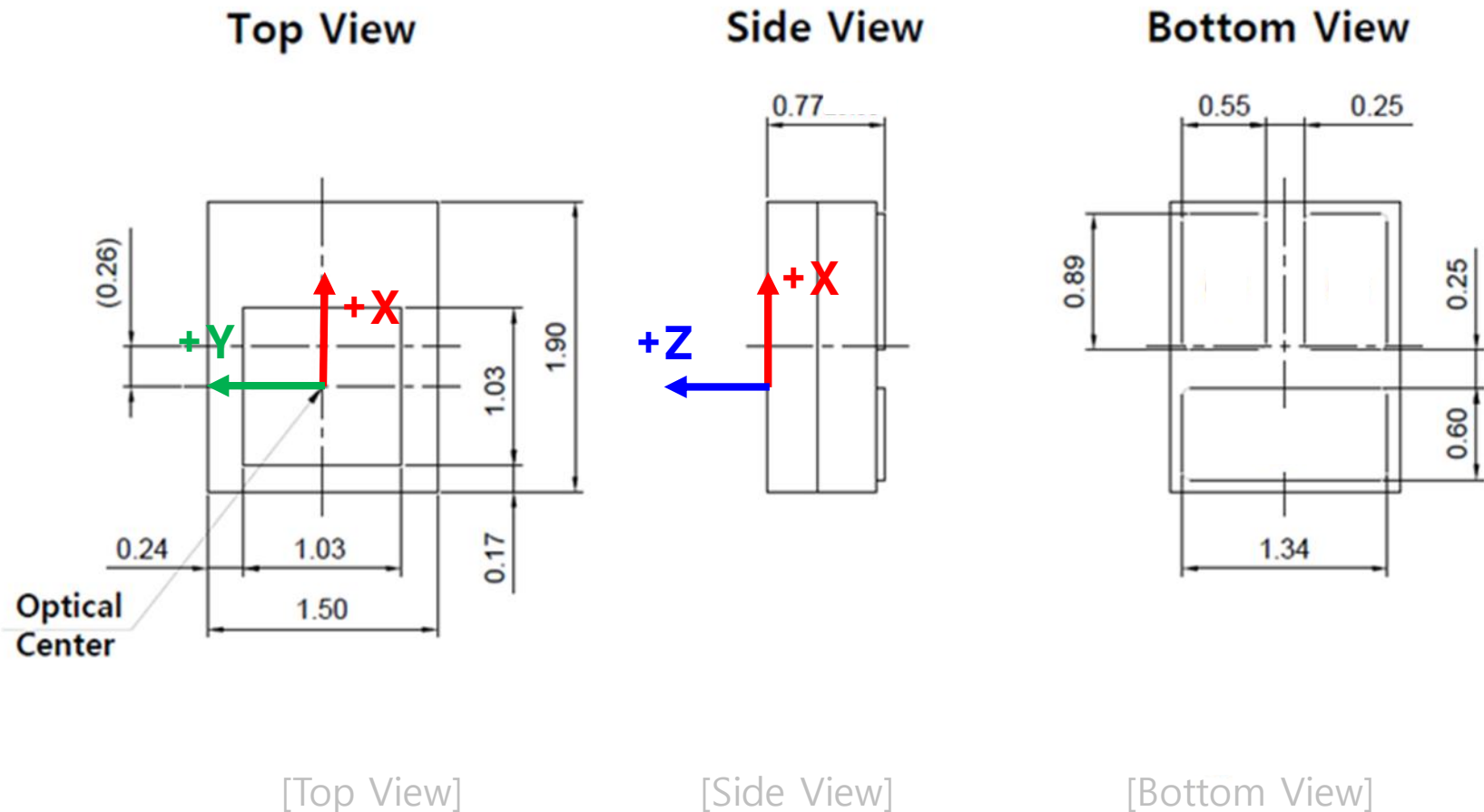


[Bottom View]

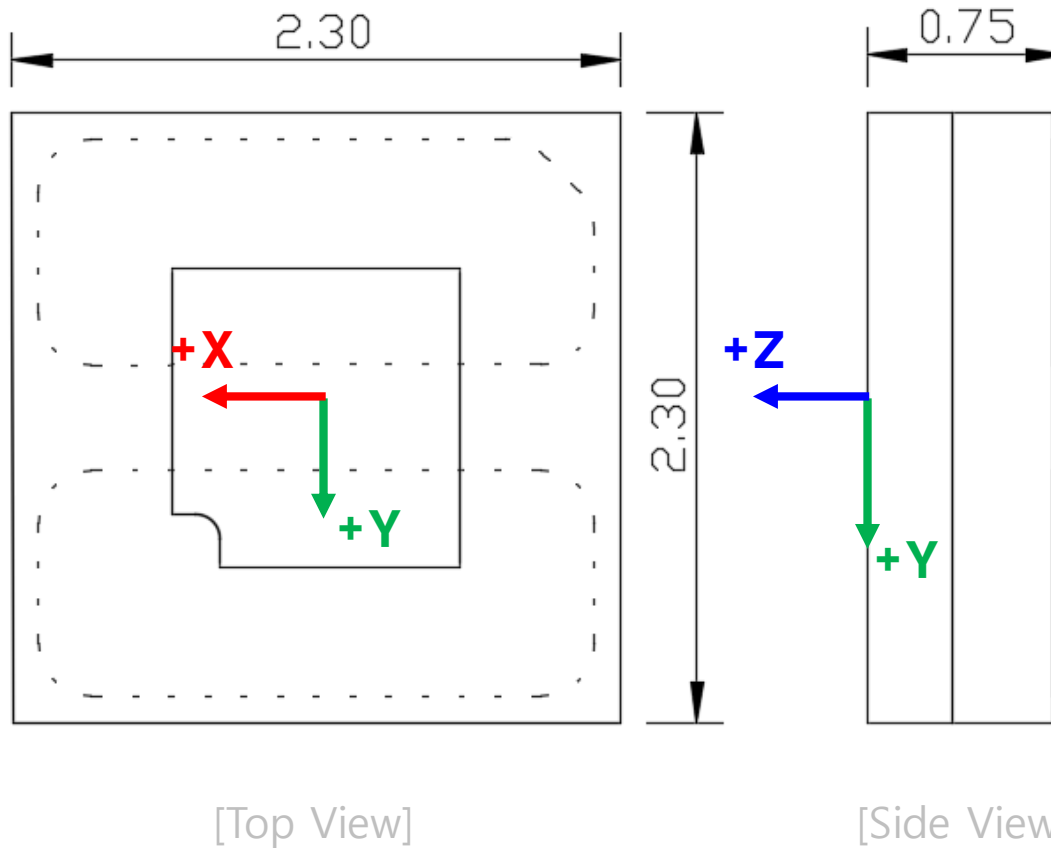
**Measuring Point = Chip center**



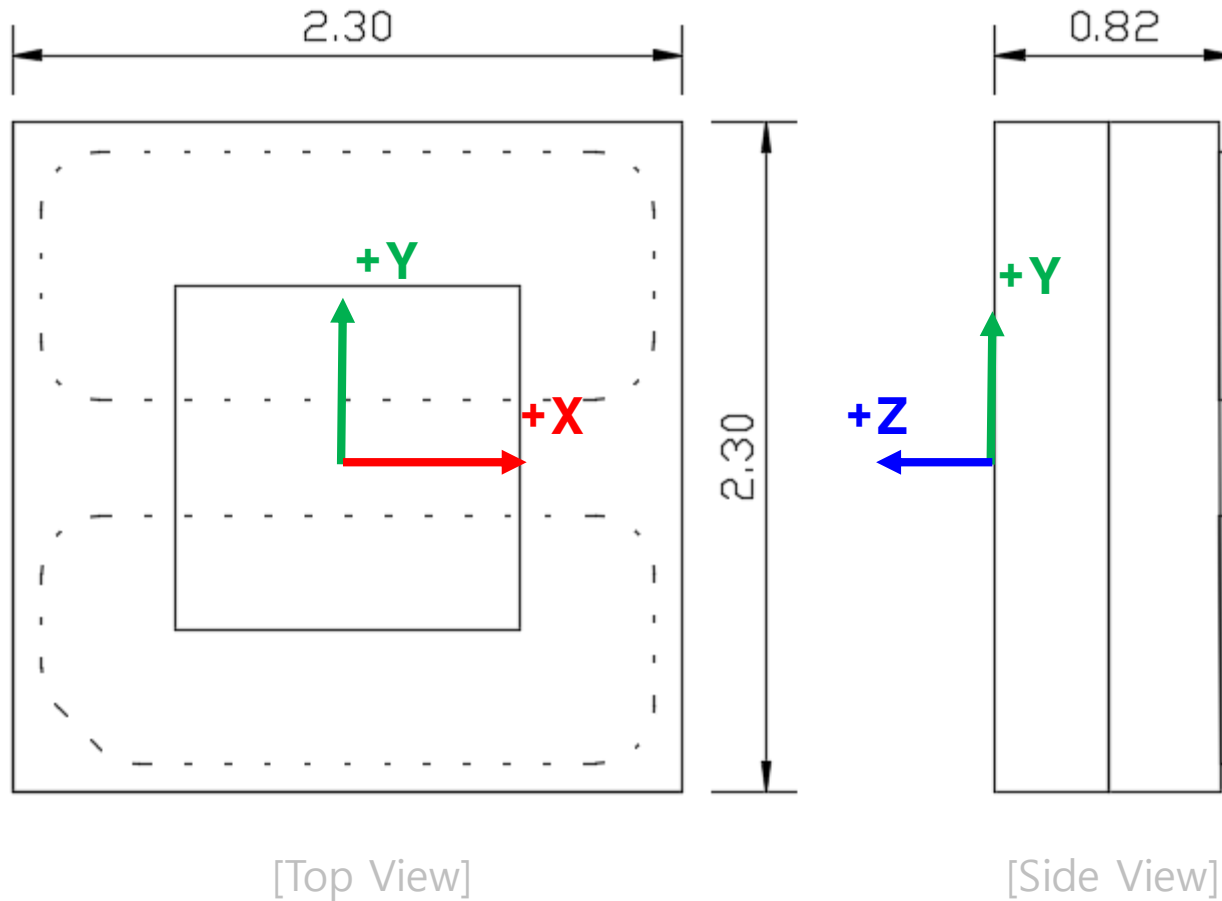
**Measuring Point = Chip center**



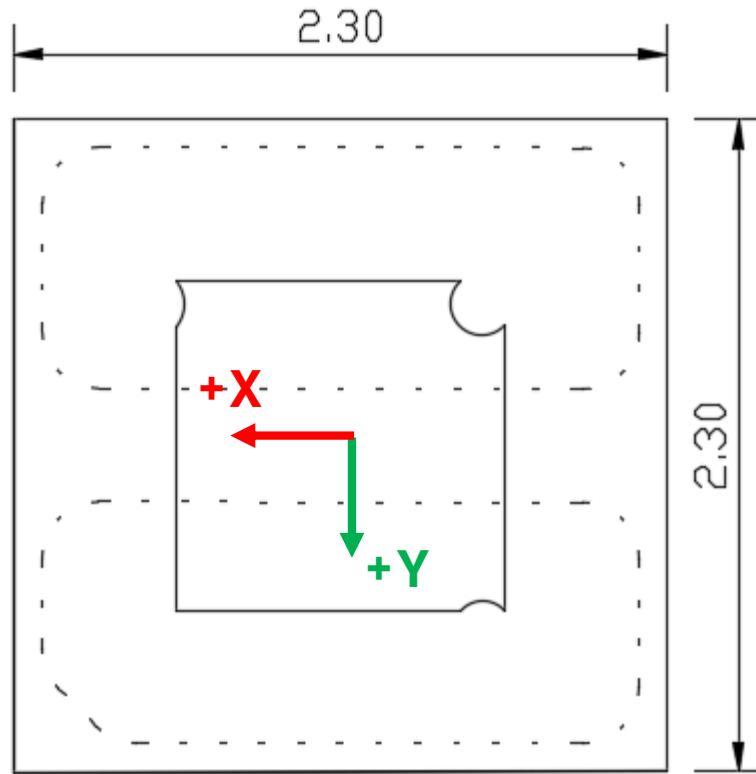
**Measuring Point = Chip center**



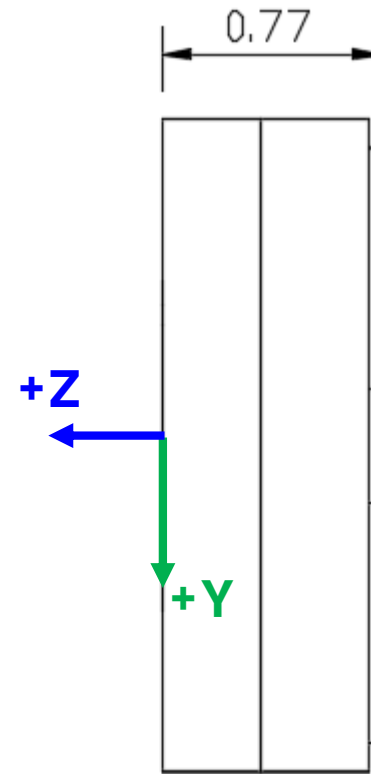
**Measuring Point = PKG center = Chip center**



**Measuring Point = PKG center = Chip center**

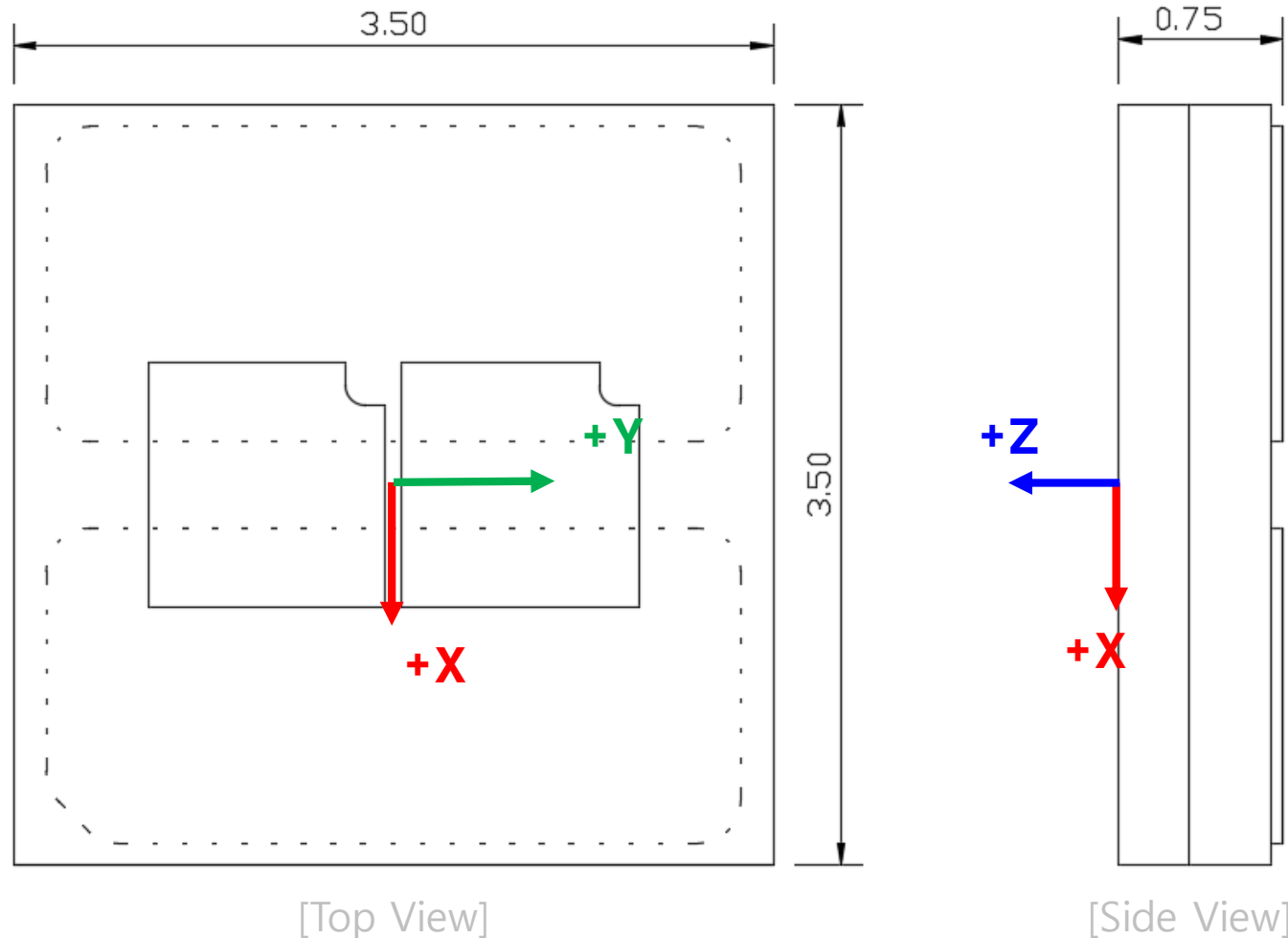


[Top View]



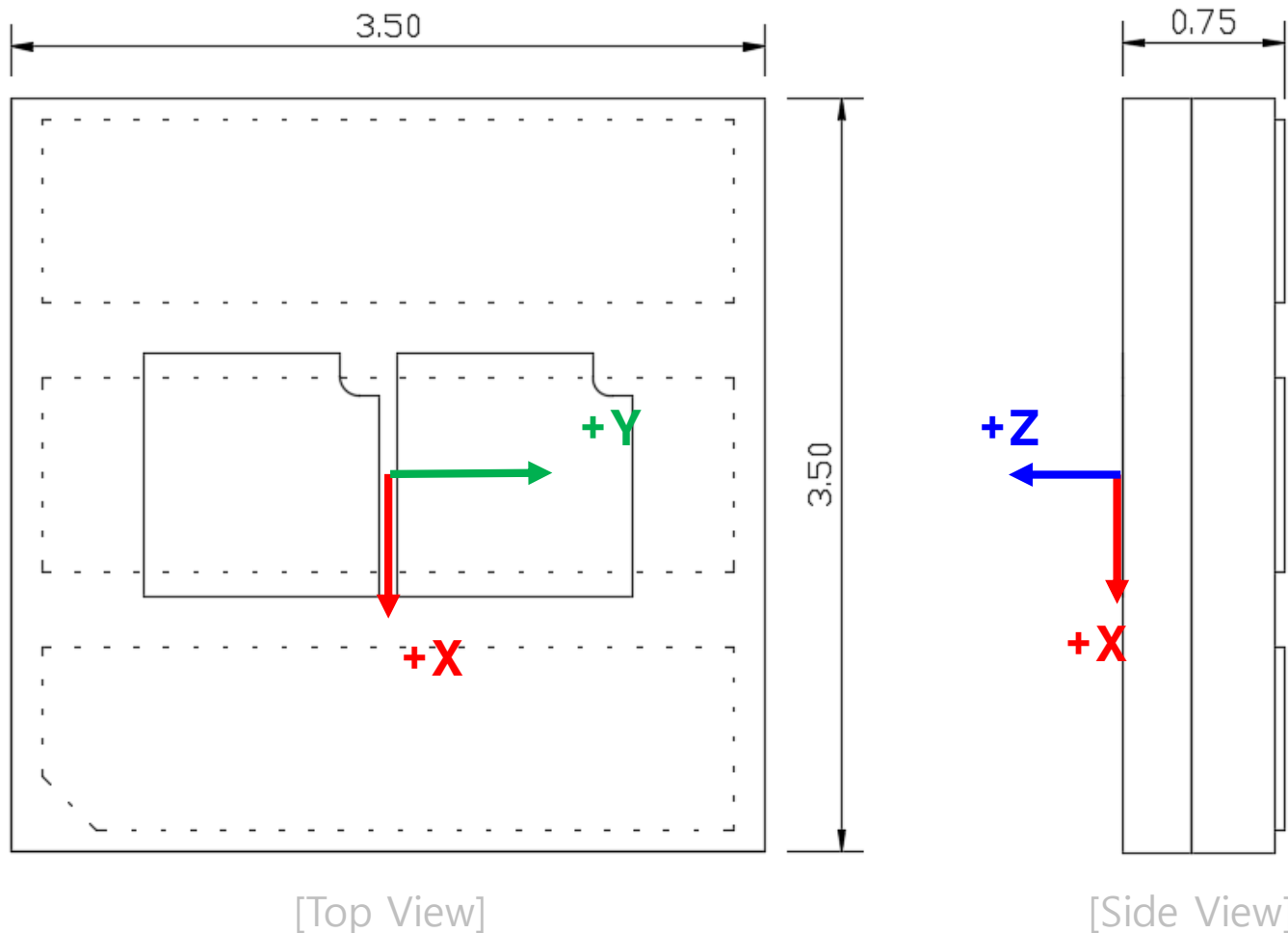
[Side View]

**Measuring Point = PKG center = Chip center**

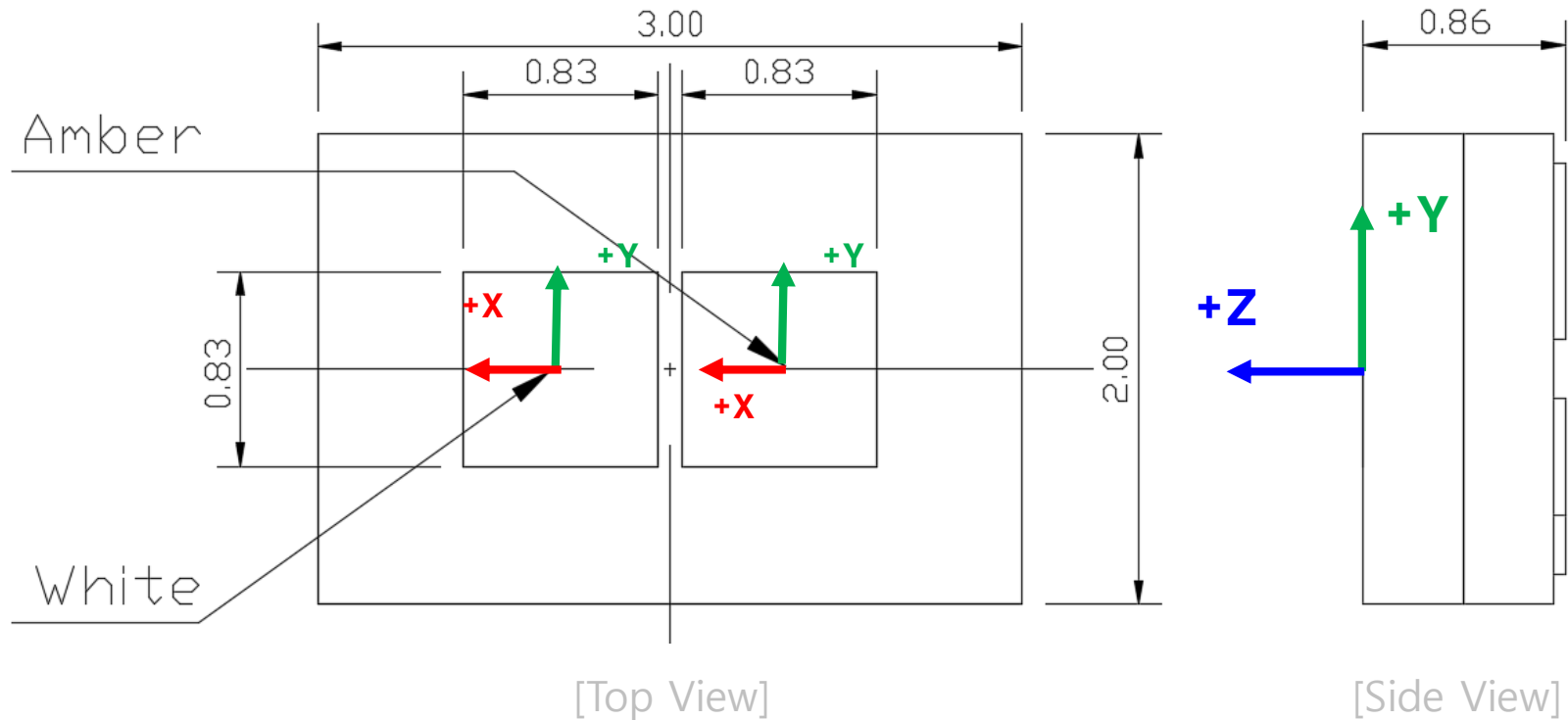


**Measuring Point = PKG center = 2 Chip center**

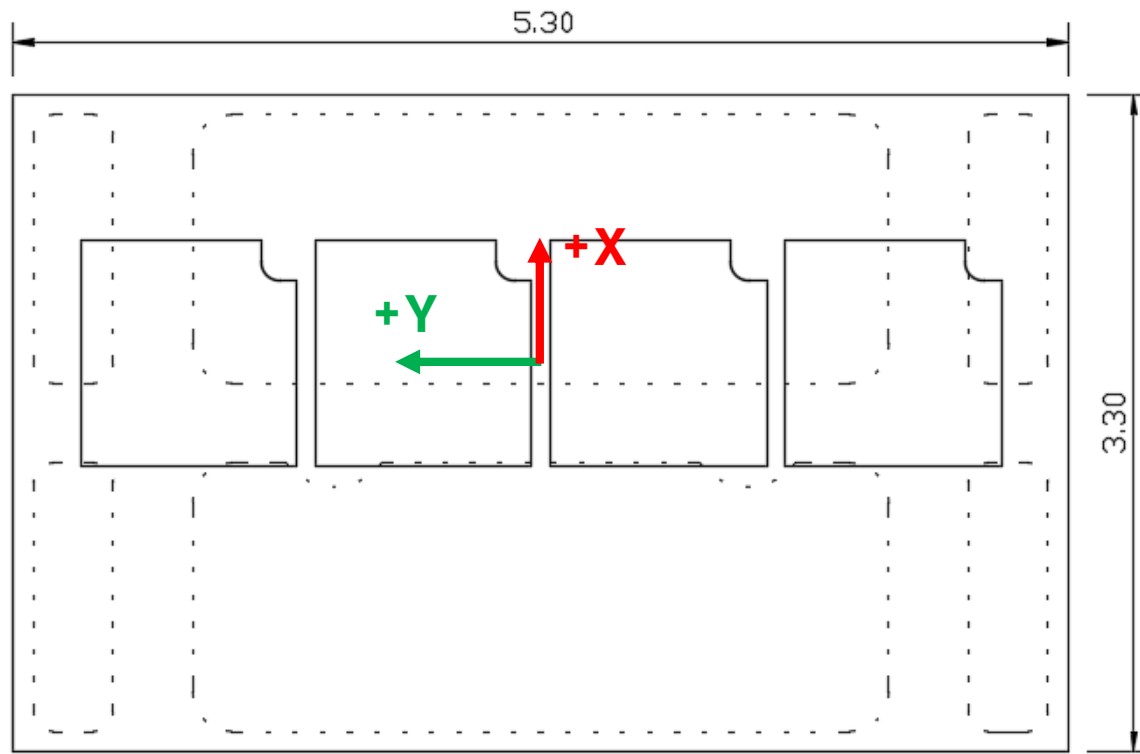




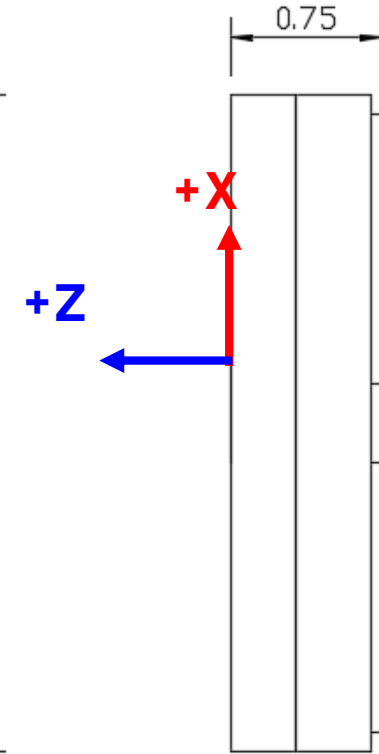
**Measuring Point = PKG center = 2 Chip center**



**Measuring Point = Chip center**

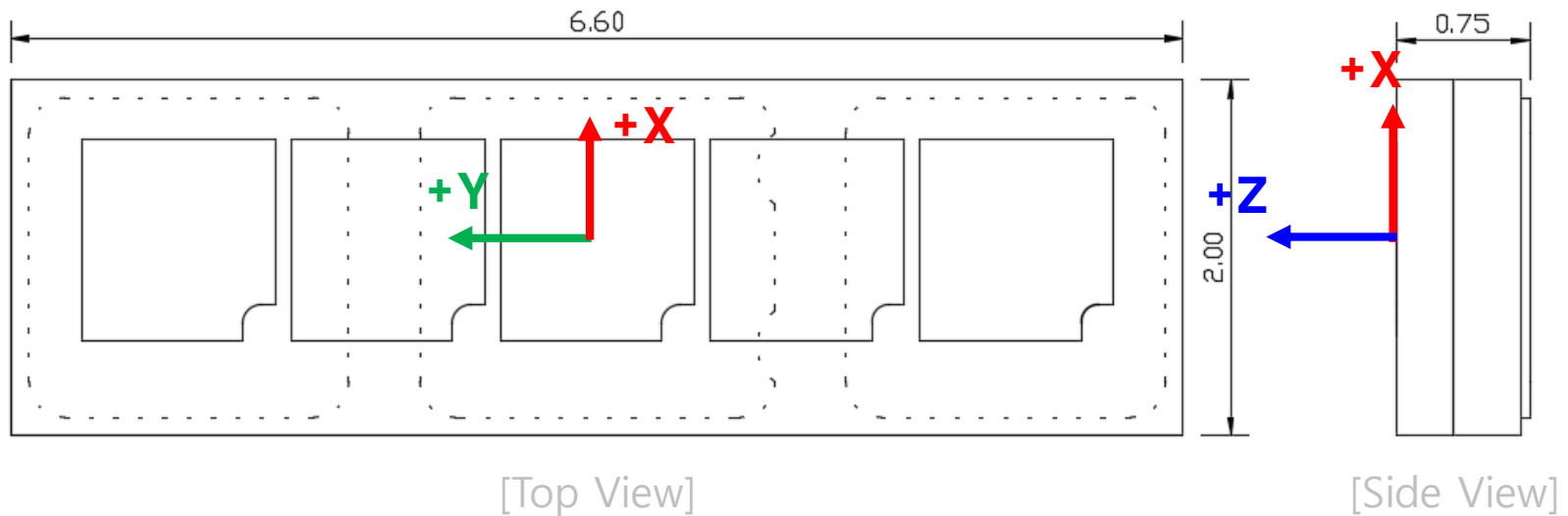


[Top View]



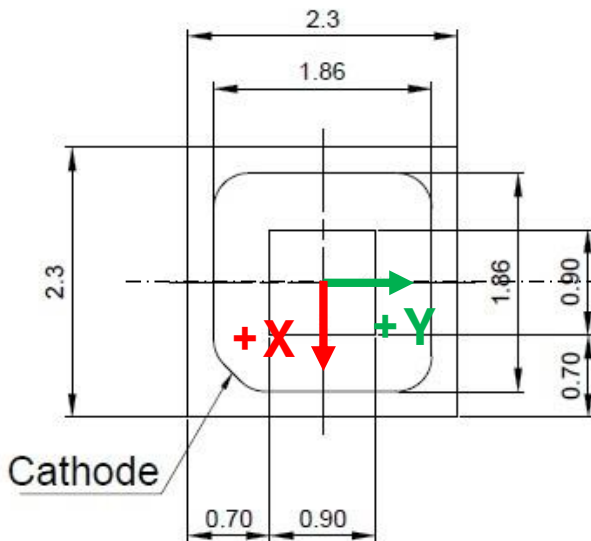
[Side View]

**Measuring Point = 4 Chip center**

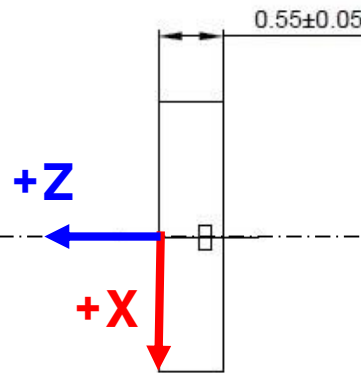


**Measuring Point = PKG center = Chip center**

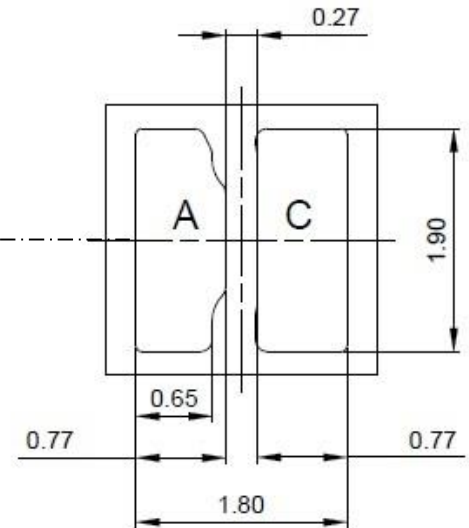
Top View



Side View

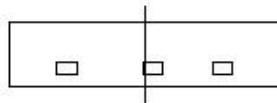


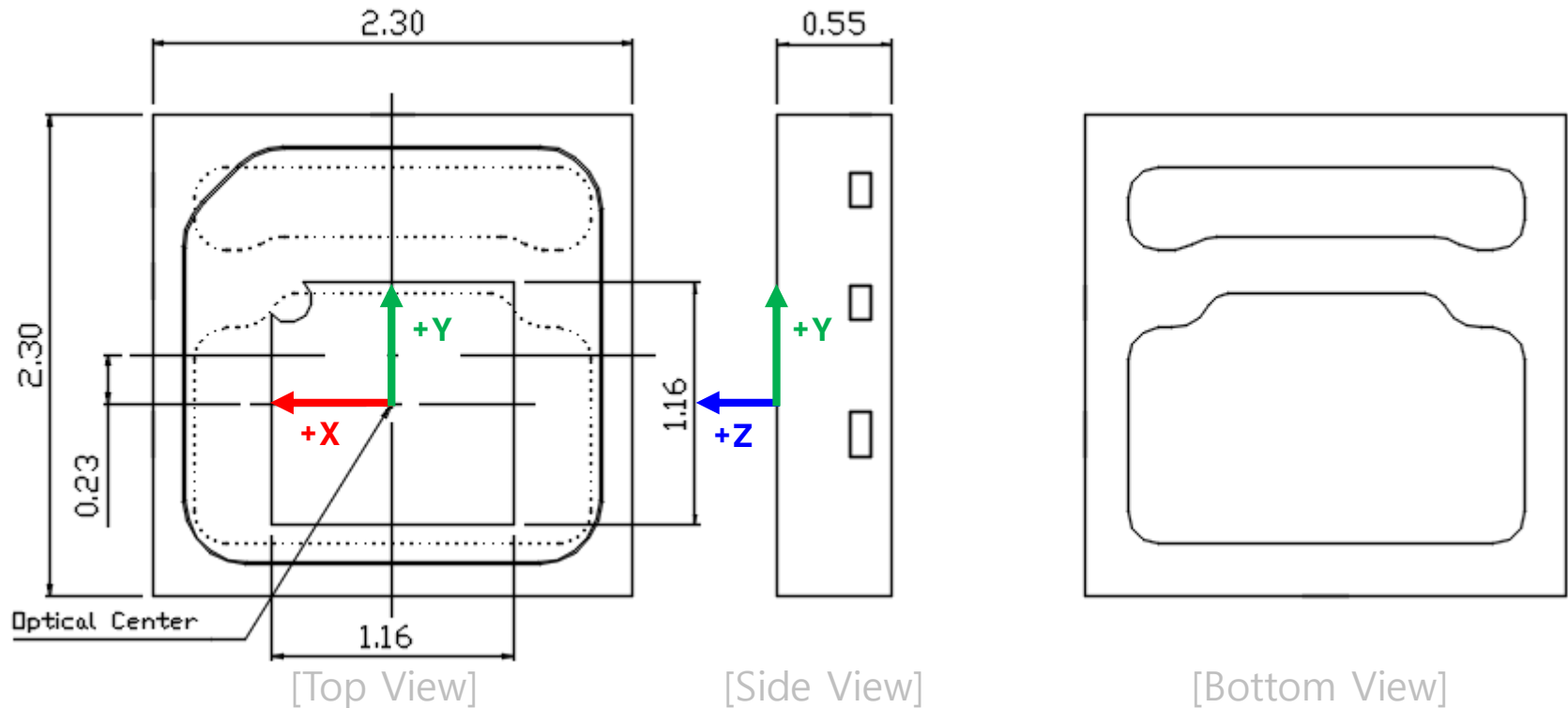
Bottom View



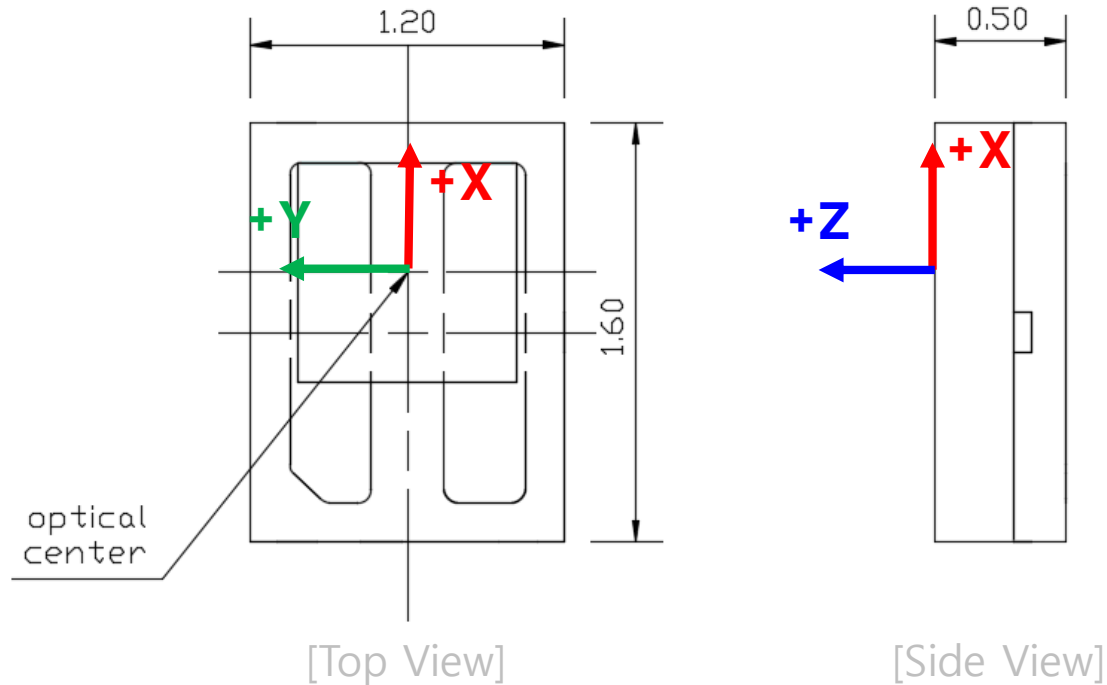
Front View

**Measuring Point = PKG center = Chip center**

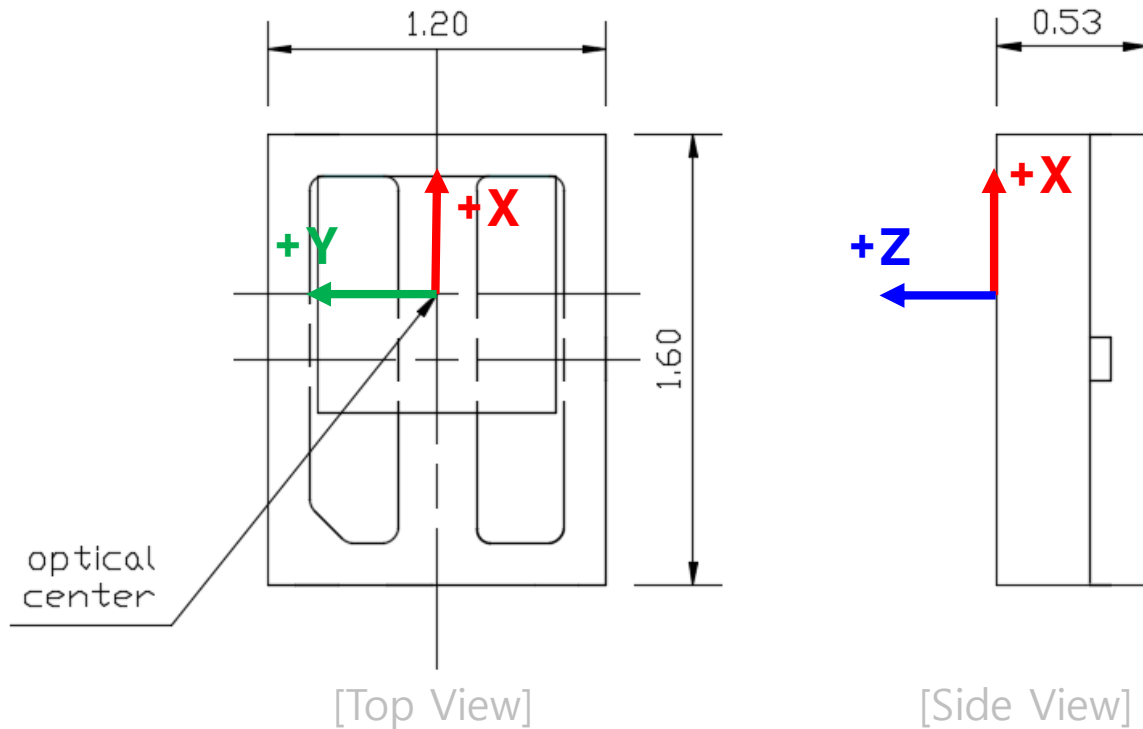




**Measuring Point = Chip center**

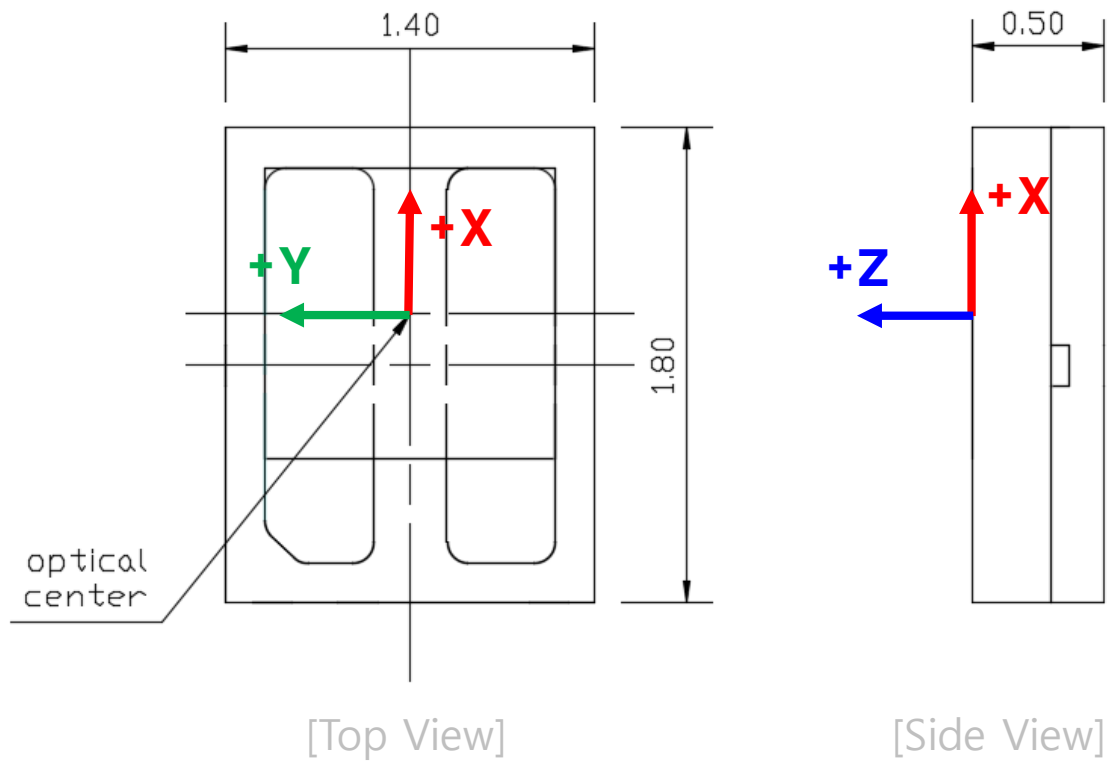


**Measuring Point = Chip center**

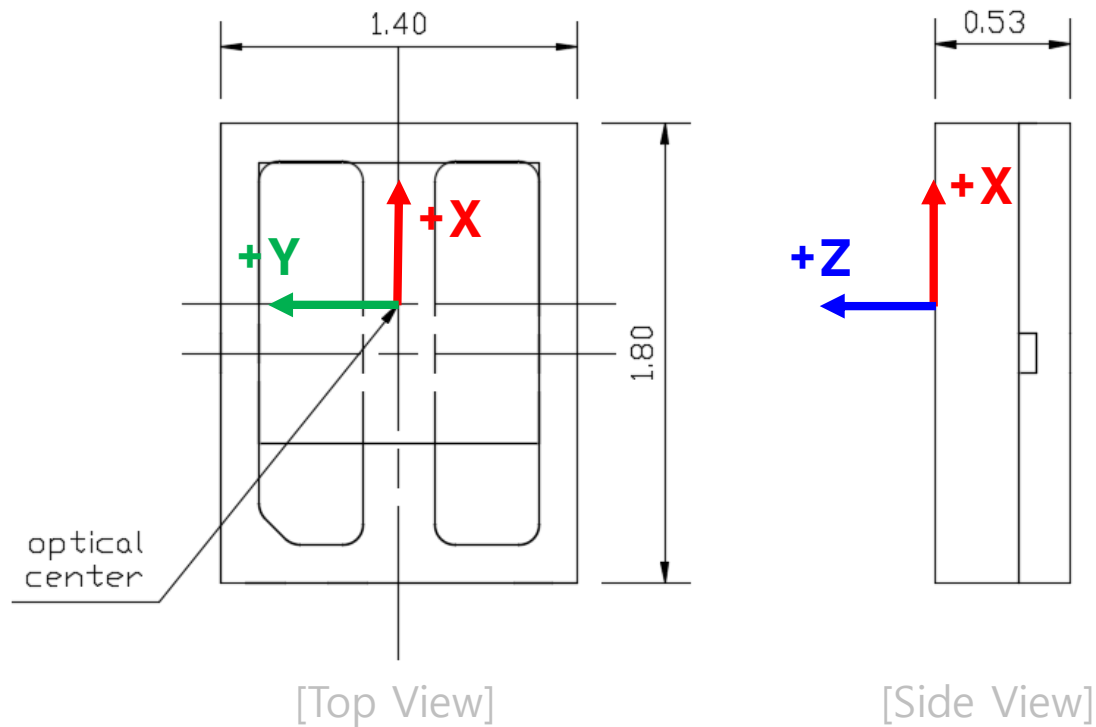


**Measuring Point = Chip center**

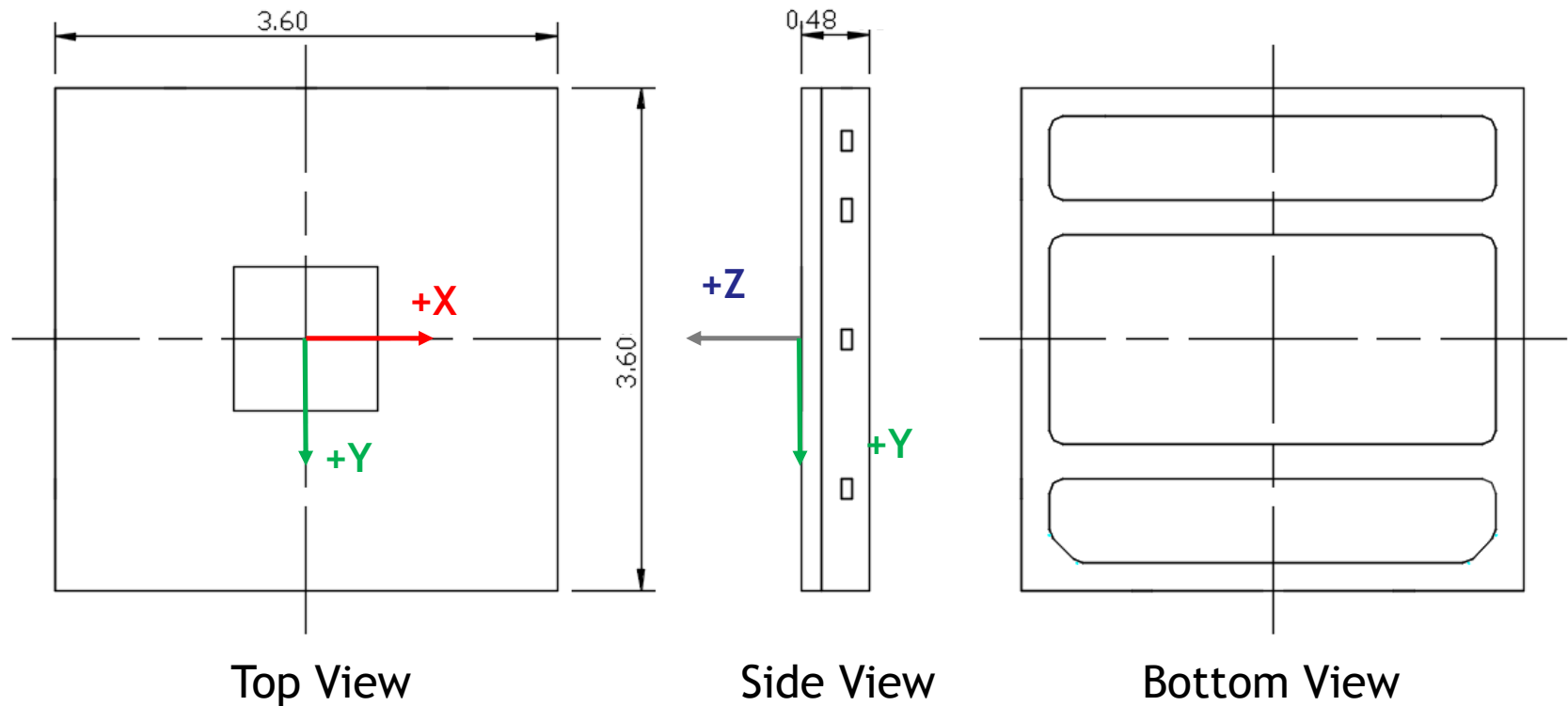




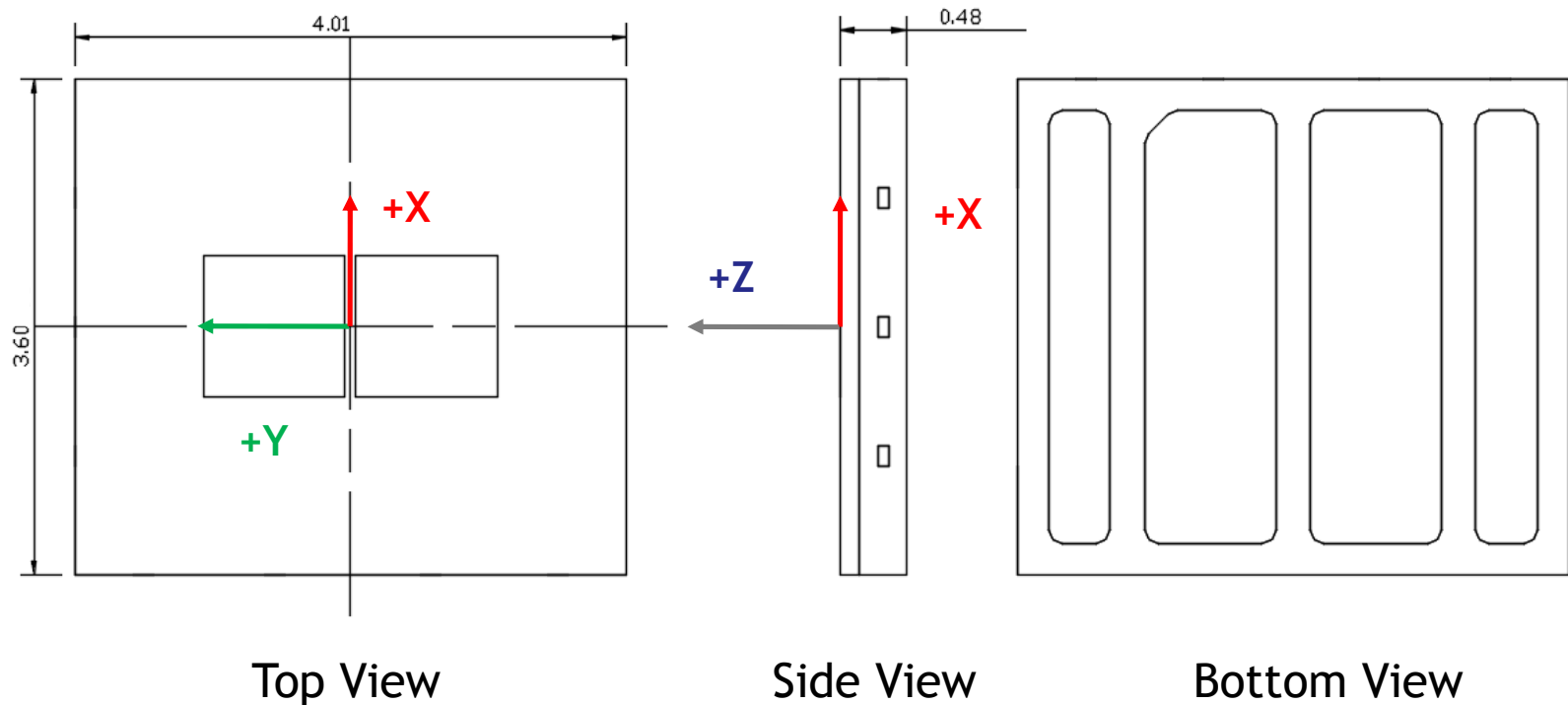
**Measuring Point = Chip center**



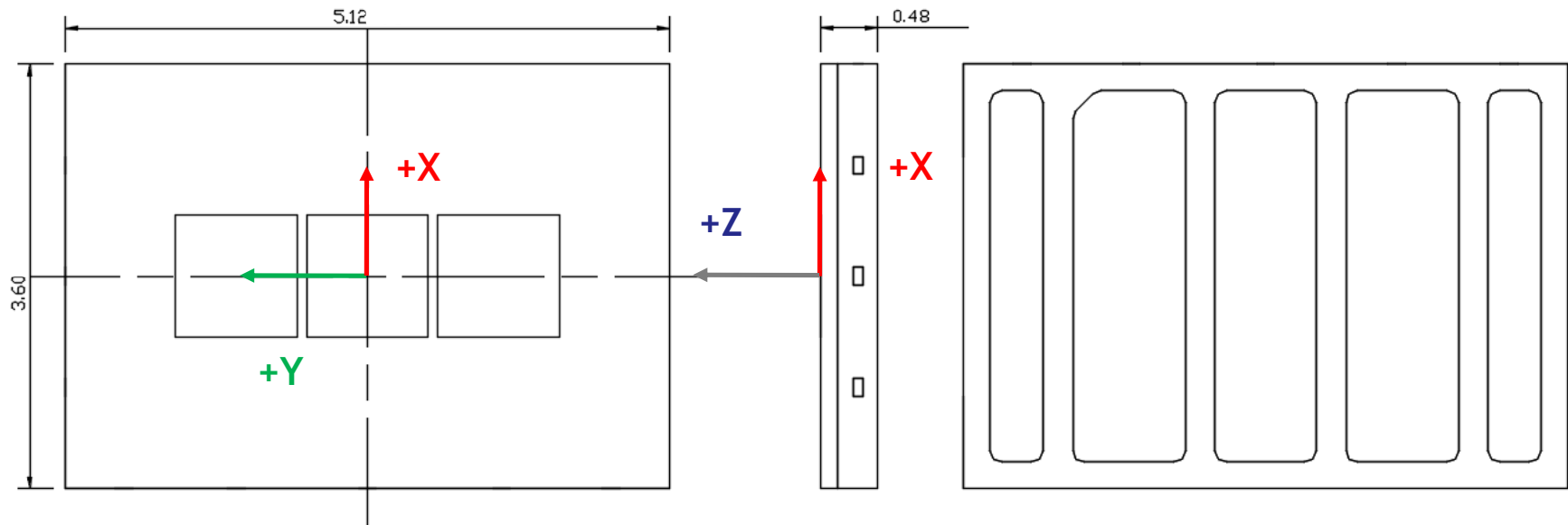
**Measuring Point = Chip center**



**Measuring Point = PKG center**



**Measuring Point = PKG center**

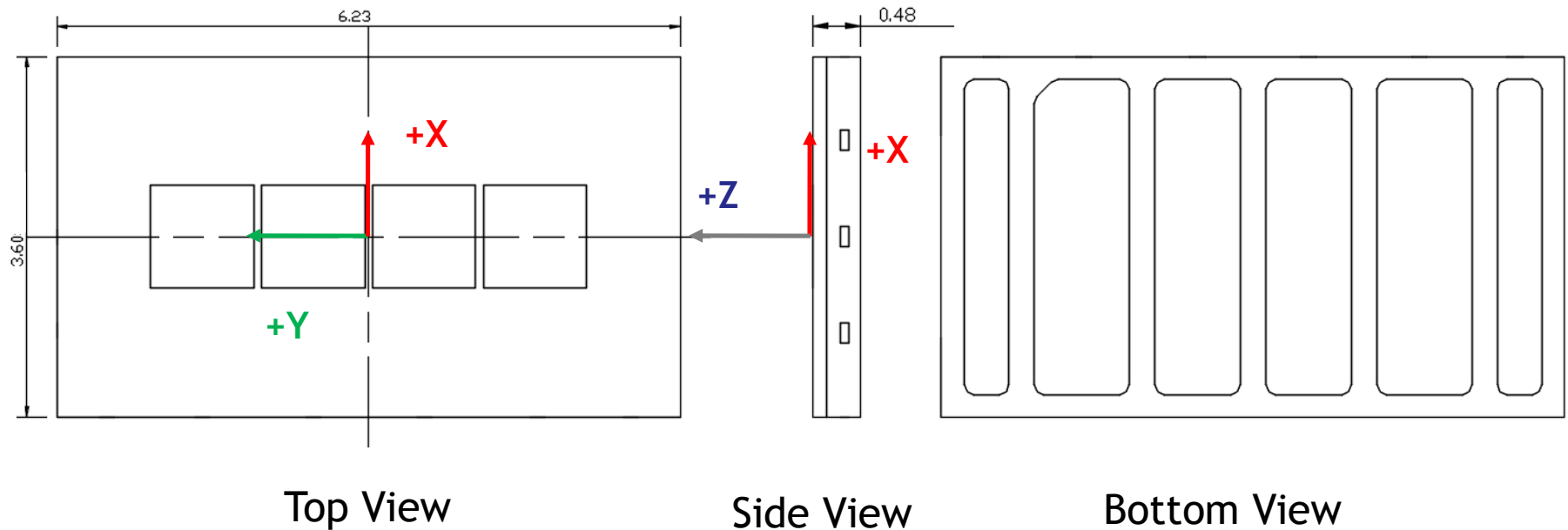


Top View

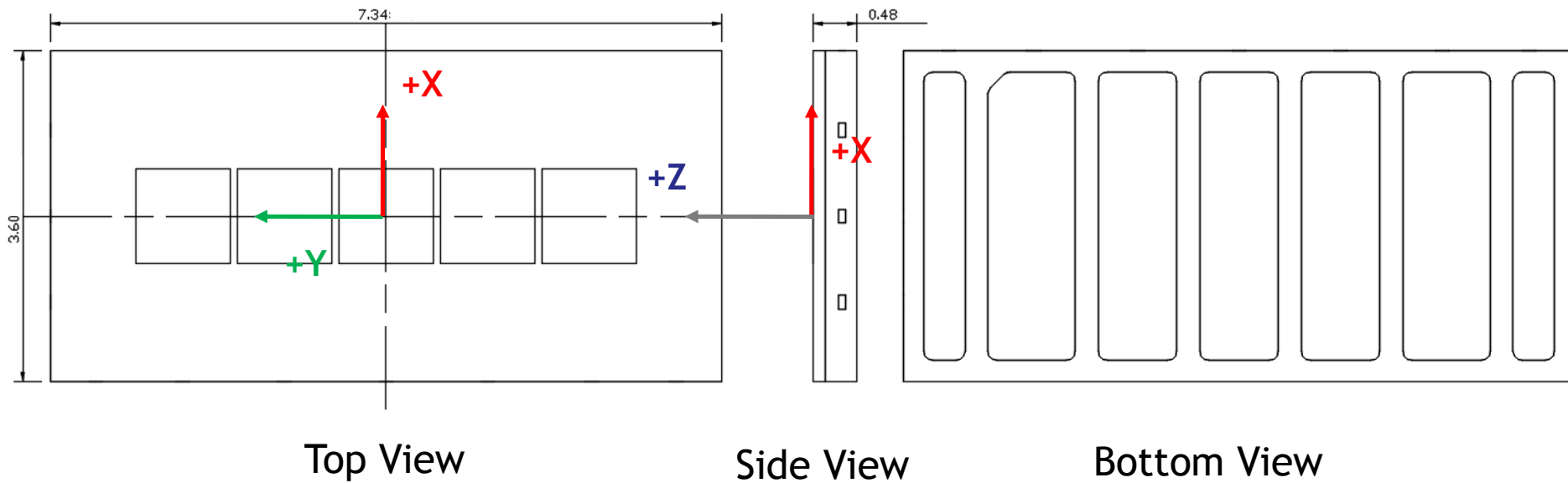
Side View

Bottom View

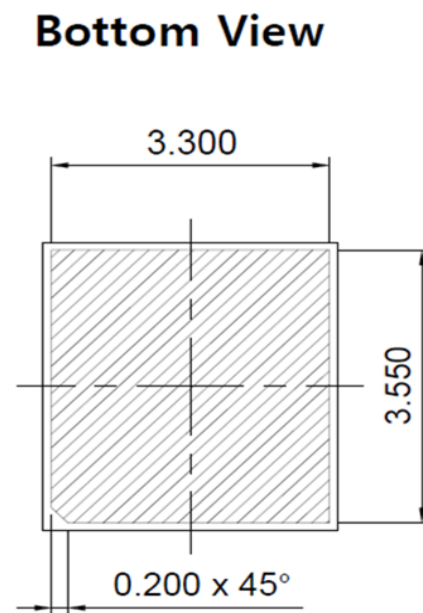
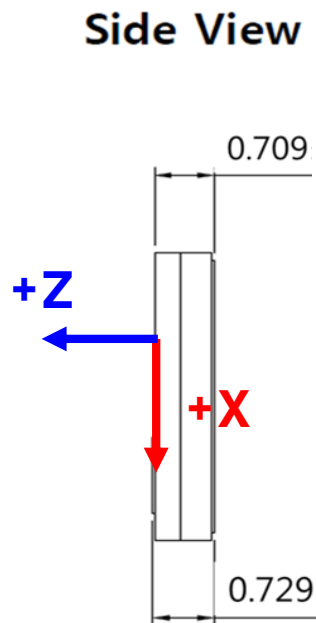
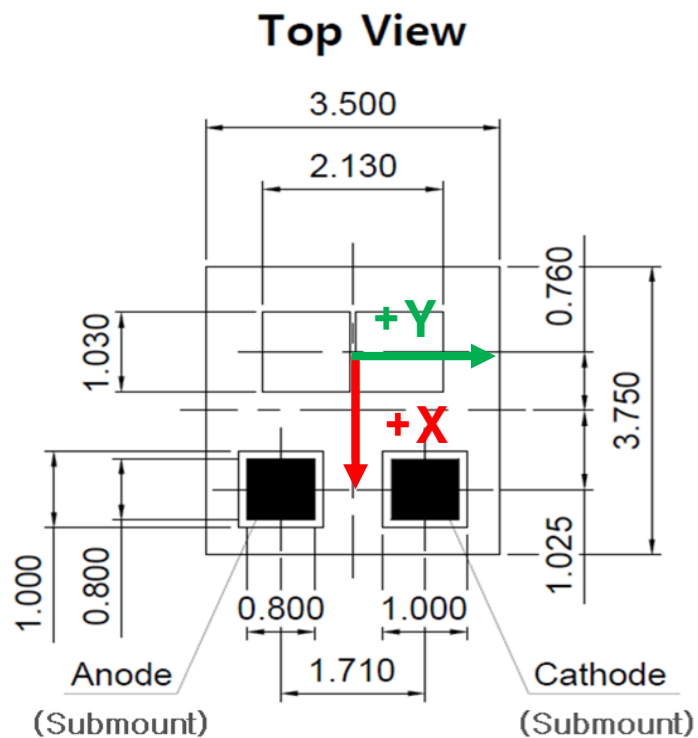
**Measuring Point = PKG center**



**Measuring Point = PKG center**

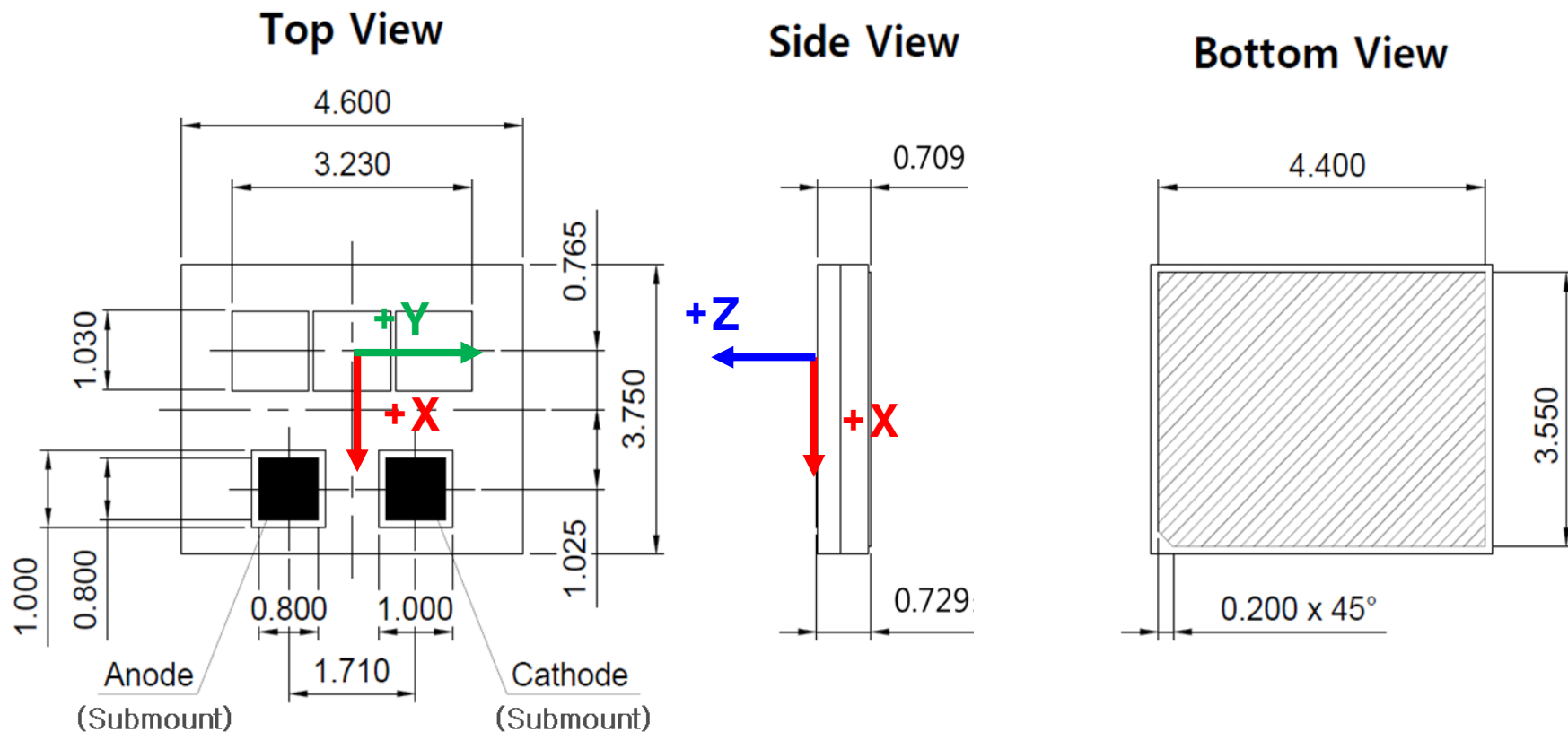


**Measuring Point = PKG center**

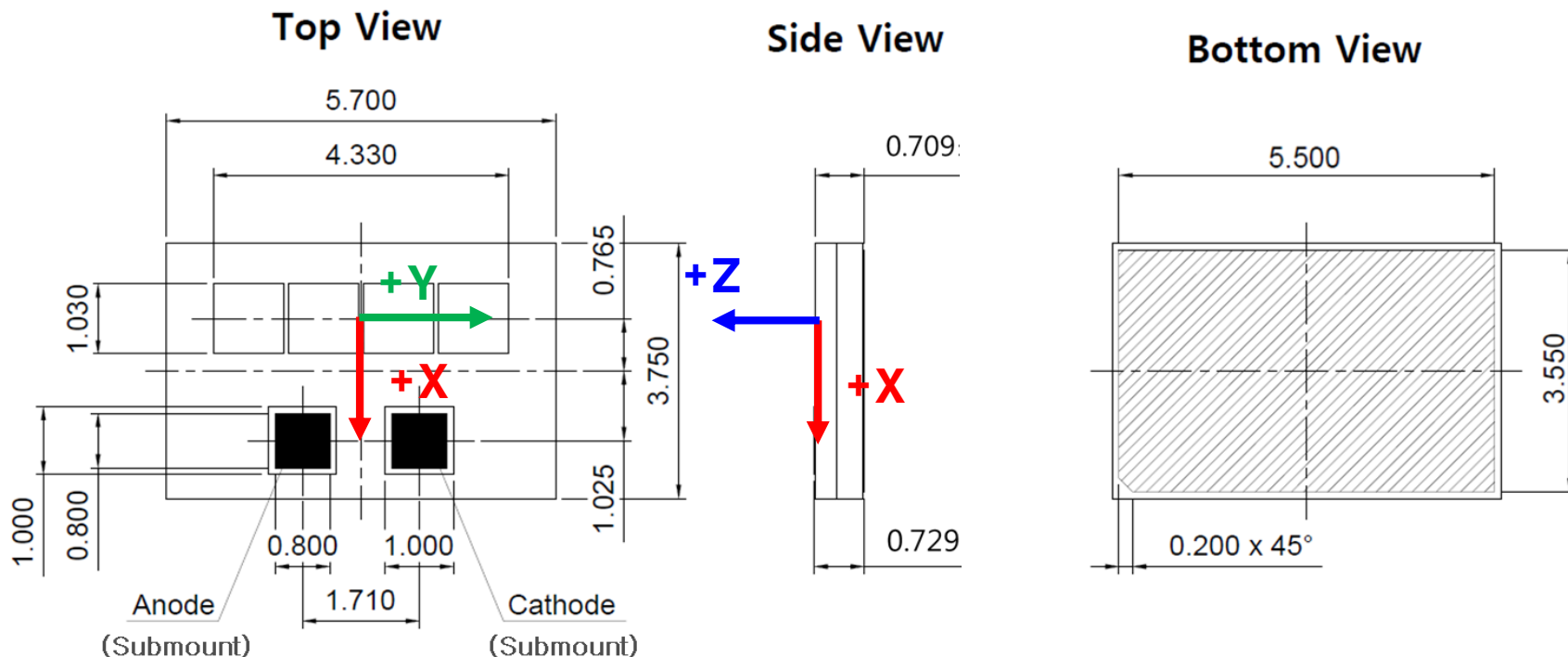


**Measuring Point = 2Chip center**





**Measuring Point = 3 Chip center**

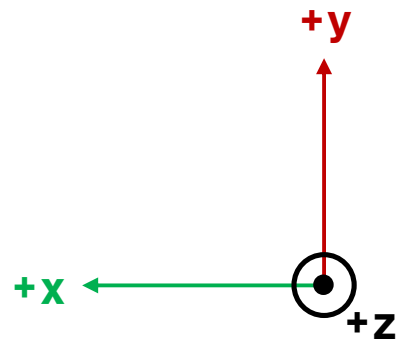


**Measuring Point = 4 Chip center**

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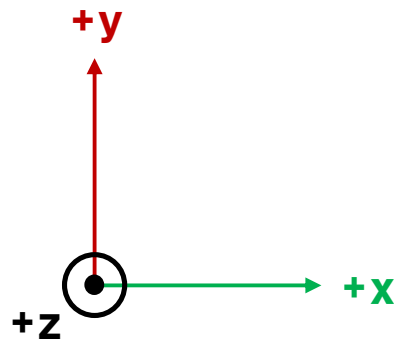
**THANK YOU**

# ※ Appendix : Coordinate Axis



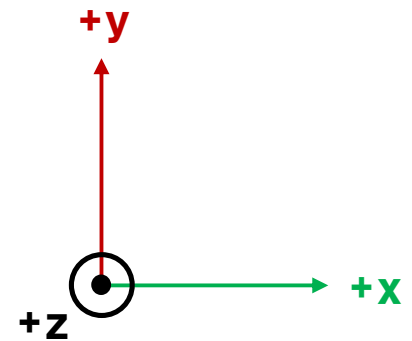
**Ray file measuring :**

**Left-handed  
Coordinate system**



**Final ray file :**

**Right-handed  
Coordinate system**



**Catia (Speos)**

**Right-handed  
Coordinate system**

**Transfer**

A blue curved arrow points from the 'Left-handed Coordinate system' box to the 'Right-handed Coordinate system' box, indicating a transfer or conversion process.