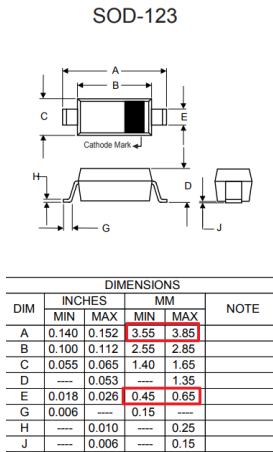
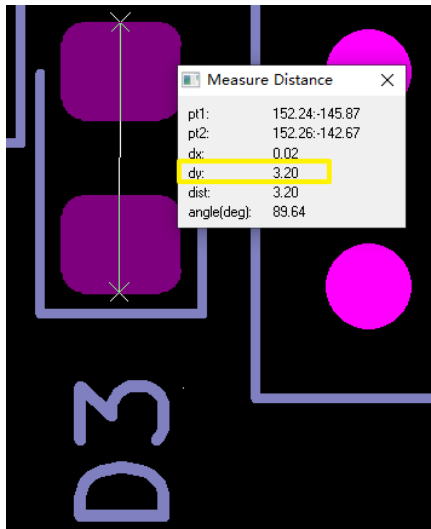


QA for 10MHz GPSDO V4.2 (1 of 4)\_20240314

1. For 1N4148, the model you provide is 1N4148W-TP, which is SOD-123 package, and its size is as follows:



However, in the Gerber, the length is 3.2mm, which is smaller than 3.55mm. This may cause poor soldering.



Now we choose the model 1N4148WT with package SOD-523, could you please confirm whether it is suitable for this project? This is a good alternative.

2. For C17, it requires 22uF NPO, but we did not find the NPO one, can you use a 22uF without NPO? No, NPO is not required, 20 or 22uF will do just fine.

7	C17	1		100pF	C 0805_2012Metric_Pad1.18x1.45mm_HandSolder smt
				22uF NPO	C 0805_2012Metric_Pad1.18x1.45mm_HandSolder smt

3. For FB6 and FB7, they require the package of 0603, but the HZ0805D102R-10 you provide is 0805, could you provide us a model with the package of 0603?

Sorry, I made a mistake, this is an alternative pn: HZ0603B102R-10