WE-CCMF Footprint Design Guideline
Standard Footprints

Standard footprint with straight ground traces

Follow one of these footprint definitions to make sure the expected function of this filter.
Guidelines for the footprint

1. The optimum distance from the center of ground via to the edge of ground pad is 14 mil to 15 mil.
2. The recommended width of ground trace is 10 mil.
3. Ground pads and vias of the footprint should not connect to other surface ground.
4. Layout of the footprint should be symmetric, including the ground traces and vias.
5. Two ground pads of the footprint should not connect to each other on the surface.
6. Ground pads of the nearby footprints should not connect to the same ground via.
7. WE-CCMF is suggested to be placed as near as possible to the connector.
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**Correct**

Independent ground vias

**Incorrect**

Common ground vias
WE-CCMF with footprint

![Diagram showing WE-CCMF footprint dimensions]

- Footprint: 0.15mm - 0.2mm - 0.3mm - 0.75mm

Legend:
- Yellow: WE-CCMF footprint
- Purple: WE-CCMF
WE-CCMF footprint applications

USB3 Type-A

USB3 Type-C

EDP for UHD