

Vectria Ltd.

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RealProbe

VEC-101,2 Recommended Test Point Footprints Library

General

The VEC-101,2 RealProbes delivers unique and accurate insight of in-circuit performance in a large number of potential test points over multifunction RF & Microwave circuits. In order to enable access to all possible test points, and fully exploit the RealProbe insight, it is highly recommended to use proper test point footprints in future designs.

Types of Footprints

Vectria defined 2 types of footprints for the VEC-101,2 RealProbes test point, each with 3 options of soldermask: no soldermask, positive and negative solder mask.

The first type is a nominal size footprint which is recommended for most applications, the second type is a minimum size footprint which is recommended for use in high density circuits or for probing transmission lines of less than 20mil width.

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Footprints Library Files description

RealProbes VEC-101,2 footprints files are based on DXF format, convenient for use or conversion for most common formats, (DXF units : inches).

VEC1012_NomFP_NoSM_V1.dxf -

Nominal test point footprint with no soldermask

VEC1012_NomFP_PoSM_V1.dxf -

Nominal test point footprint with positive soldermask

VEC1012_NomFP_NgSM_V1.dxf -

Nominal test point footprint with negative soldermask

VEC1012_MinFP_NoSM_V1.dxf -

Minimum test point footprint with no soldermask

VEC1012_MinFP_PoSM_V1.dxf -

Minimum test point footprint with positive soldermask

VEC1012_MinFP_NgSM_V1.dxf -

Minimum test point footprint with negative soldermask

Layers description within each DXF file:

Cond – Conductors (footprint) layer

Soldermask – solder mask layer

Drill – drilling GND via holes of 12mil

RealProbe Footprints Library download

Use the following link for VEC-101,2 footprints library download :

<http://www.vectria.co.il/downloads.htm>

continued...

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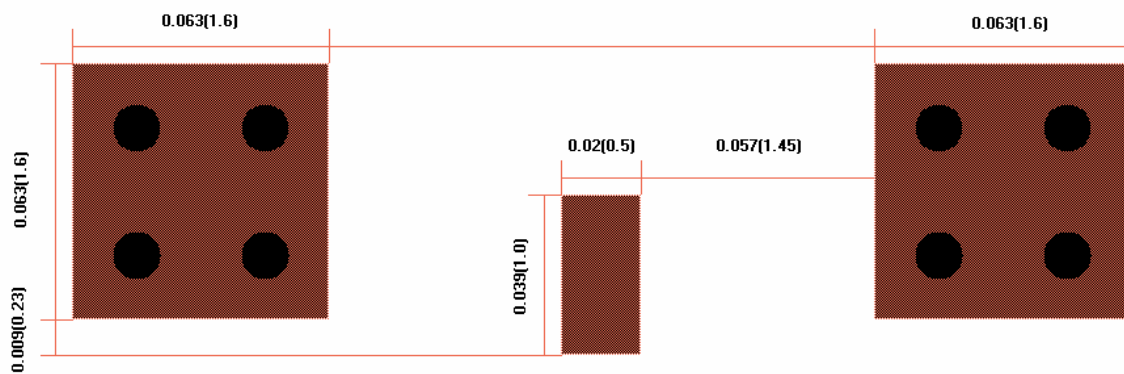
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RealProbe footprints drawings

Dimensions are in inches(millimeters), ground via holes diameter is 0.012"(0.3mm).

Nominal VEC-101,2 test point footprint



Minimum VEC-101,2 test point footprint

