

## Stripline Edge Launch Pin .019" Diameter Flat Tab DC to 27 GHz

### Werbel Interconnect Technical Data Sheet

### JP27-.019

#### Description

Model JP27-.019 from Werbel Microwave is stripline launch pin designed for use with field replaceable connectors that accept a .019-inch nominal diameter launch pin. One side is dome-shaped to facilitate easy insertion into the respective connector. The flat tab is mounted to the pc board edge by soldering.

Use with field replaceable SMA-Female, Werbel **JC27-SF-.019**.

Use with field replaceable N-Female, Werbel **JC18-NF-.019**.



Photo is representative.

Specifications <i>(Valid only when used with connector)</i>	Min.	Typ.	Max.	Units
Frequency	0		27,000	MHz
Impedance		50		Ohm
Package Qty	100			pcs
VSWR		1.10		:1
Input Power (CW) <sup>1</sup>			30	Watts

#### Mechanical

Connector Interface	Socket Contact
Operating Temperature <sup>2</sup>	-55 to +100 °C
Storage Temperature	-55 to +100 °C
Weight Estimate	3.4 mg
Humidity	10-90% non-condensing
Environment	Indoor Use Only

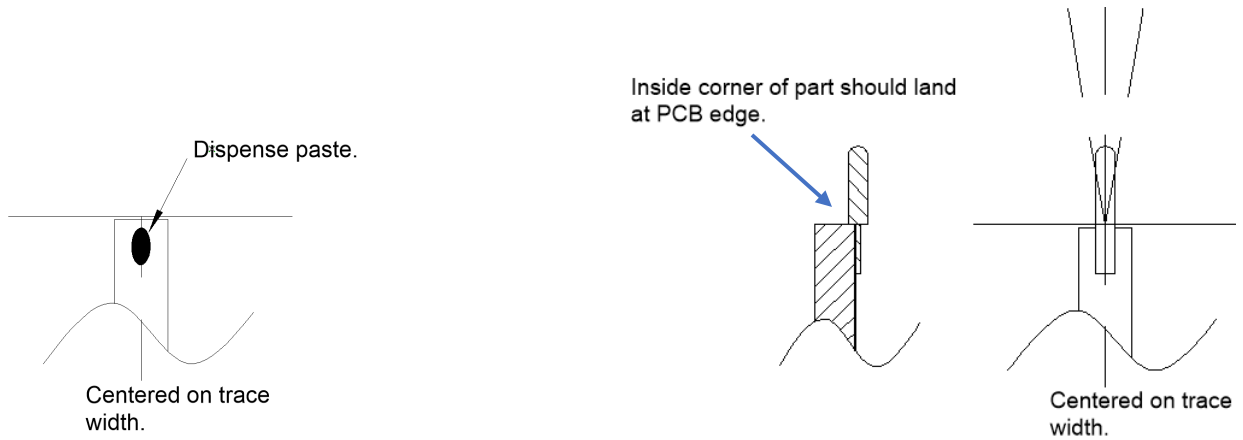
#### Materials

RoHS and REACH Compliant <sup>3</sup>	
Body	Beryllium Copper (BeCu)
Finish	Gold Flashed

1. All output ports should be terminated in a 50-ohm load with 1.2:1 max VSWR.
2. Electrical Specifications at +25 °C only.
3. To the best of our knowledge at the time of publication.

## Installation Instructions

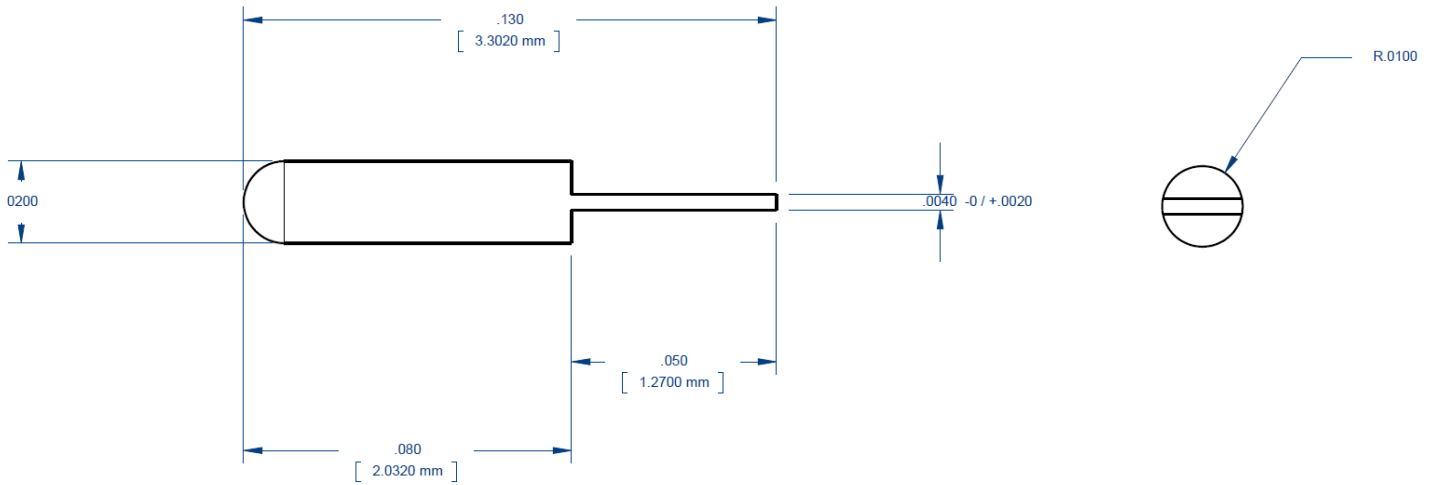
The following serves as a general guide and shall not be taken as professional advice of any kind.



## Proper Installation Techniques



## Outline Dimensions



Outline # J-PIN-.019

Dimensions are in inches, [mm] shown for convenience.

Tolerances on 2-pl decimals:  $\pm .03$ . 3-pl decimals:  $\pm .015$ .

## Packaging Example



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