

## Solder Post N-Female Connector DC to 6 GHz

### Werbel Interconnect Technical Data Sheet

### JC06-NF-.050

#### Description

Model JC06-NF-.050 from Werbel Microwave is a solder post, N-Female connector for use with microstrip pcb.



Photo is representative.

| Specifications                | Min. | Nom. | Max.  | Units |
|-------------------------------|------|------|-------|-------|
| Frequency                     | 0    |      | 6,000 | MHz   |
| Impedance                     |      | 50   |       | Ohm   |
| Package Quantity              |      | 10   |       | pcs   |
| VSWR                          |      | 1.10 |       | :1    |
| Input Power (CW) <sup>1</sup> |      |      | 30    | Watts |

#### Mechanical

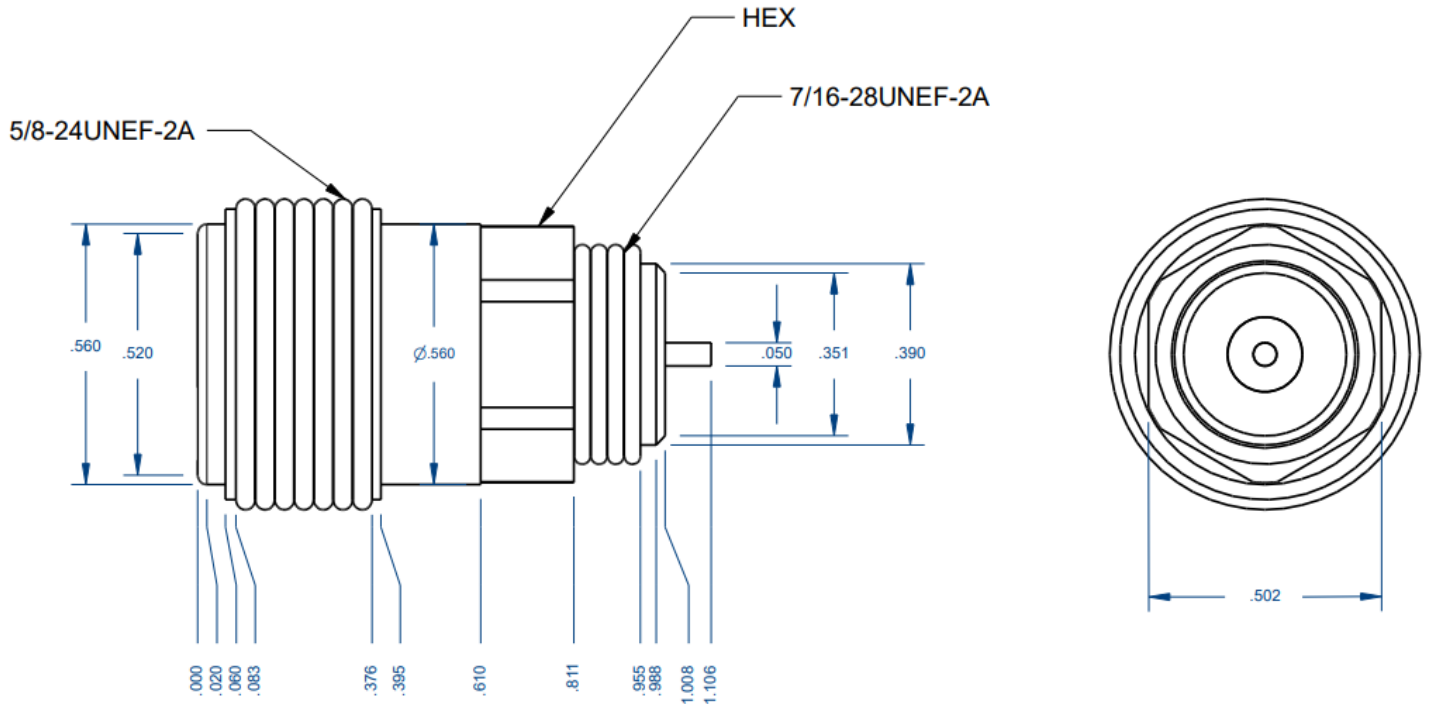
|                                    |                       |
|------------------------------------|-----------------------|
| Connector Interface                | Socket Contact        |
| Operating Temperature <sup>2</sup> | -55 to +100 °C        |
| Storage Temperature                | -55 to +100 °C        |
| Weight Estimate                    | 22.0 g                |
| Humidity                           | 10-90% non-condensing |
| Environment                        | Indoor Use Only       |

#### Materials

|                                       |                               |
|---------------------------------------|-------------------------------|
| RoHS and REACH Compliant <sup>3</sup> |                               |
| Body                                  | Stainless Steel               |
| Insulators                            | PTFE & PEI                    |
| Socket Contact                        | Beryllium Copper, Gold Plated |
| Finish                                | Passivated                    |

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.

## Outline Dimensions



Outline # J-NF-.050

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

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

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