



SMA Male to SMP Male Limited Detent Adapter

TECHNICAL DATA SHEET

PE91310

**Configuration**

|                |                         |
|----------------|-------------------------|
| Connector 1    | SMA Male                |
| Impedance 1    | 50 Ohms                 |
| Connector 2    | Limited Detent SMP Male |
| Impedance 2    | 50 Ohms                 |
| Adapter Design | Standard                |
| Body Style     | Straight                |

**Electrical Specifications**

|                 |              |
|-----------------|--------------|
| Frequency Range | DC to 18 GHz |
| Maximum VSWR    | 1.2:1        |

**Mechanical Specifications**

**Size**

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 0.937 [23.8] |
| Width/Dia., in [mm] | 0.354331 [9] |

**Connector 1**

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | SMA Male                   |
| Inner Conductor Material and Plating | Beryllium Copper, Gold     |
| Coupling Nut Material and Plating    | Passivated Stainless Steel |
| Hex Size, inch                       | 16-May                     |
| Torque, in-lbs [Nm]                  | 8 [0.9]                    |
| Body Material and Plating            | Passivated Stainless Steel |
| Dielectric Type                      | PTFE                       |

**Connector 2**

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | Limited Detent SMP Male    |
| Inner Conductor Material and Plating | Beryllium Copper, Gold     |
| Body Material and Plating            | Passivated Stainless Steel |
| Dielectric Type                      | PTFE                       |

**Environmental Specifications**

**Temperature**

|                 |                   |
|-----------------|-------------------|
| Operating Range | -45 to +120 deg C |
|-----------------|-------------------|

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                 |          |
|-----------------|----------|
| RoHS Compliant  |          |
| REACH Compliant | 6/6/2014 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMP Male Limited Detent Adapter PE91310](#)





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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to SMP Male Limited Detent Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

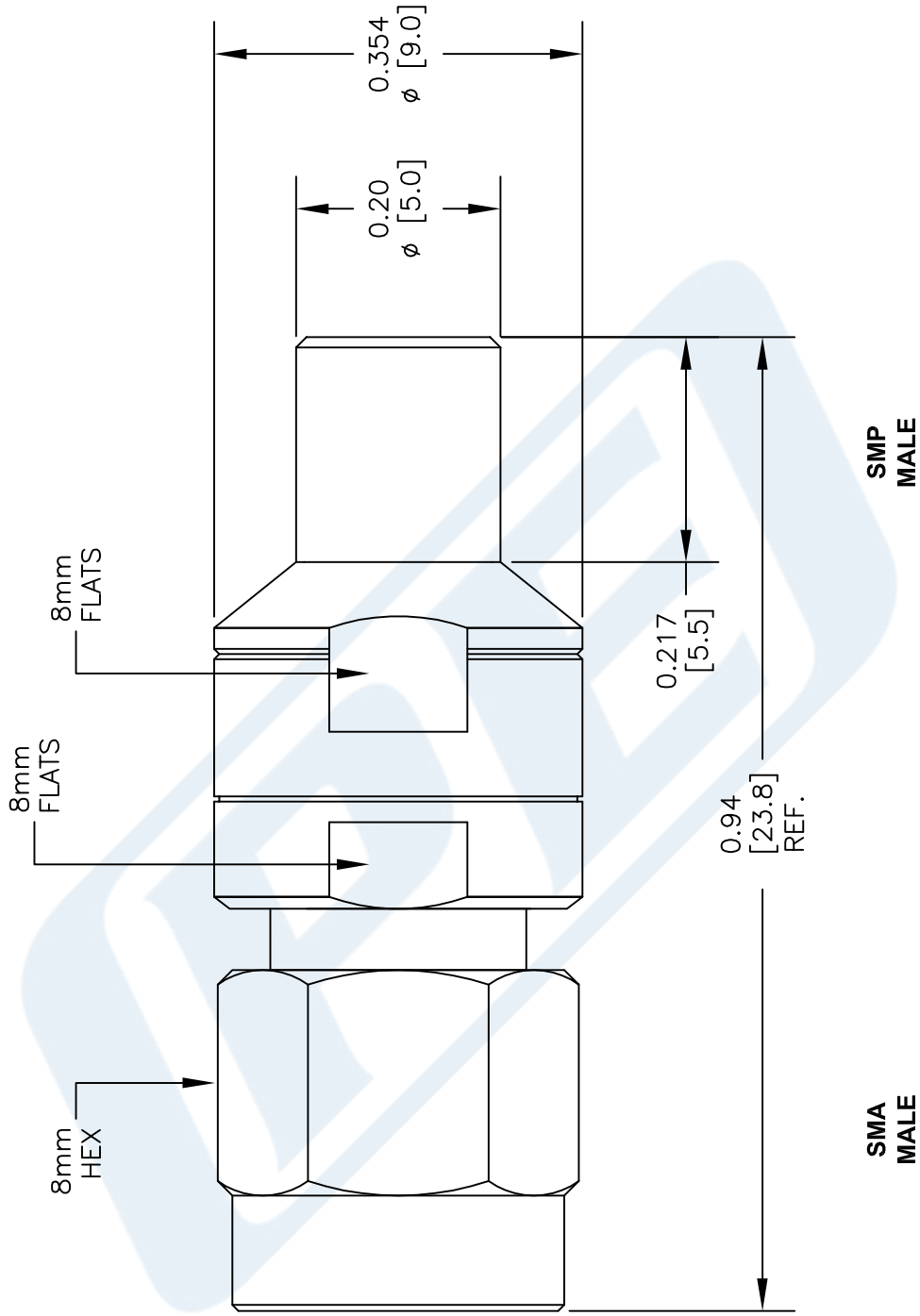
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMP Male Limited Detent Adapter PE91310](#)

URL: <http://www.pasternack.com/sma-male-smp-male-straight-adapter-pe91310-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE91310 CAD Drawing

## SMA Male to SMP Male Limited Detent Adapter



NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES [mm].

|                |                 |
|----------------|-----------------|
| DWG TITLE      |                 |
| <b>PE91310</b> |                 |
| FSCM NO. 53919 | CAD FILE 100814 |
| SCALE N/A      | SIZE A          |
| 150            |                 |

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