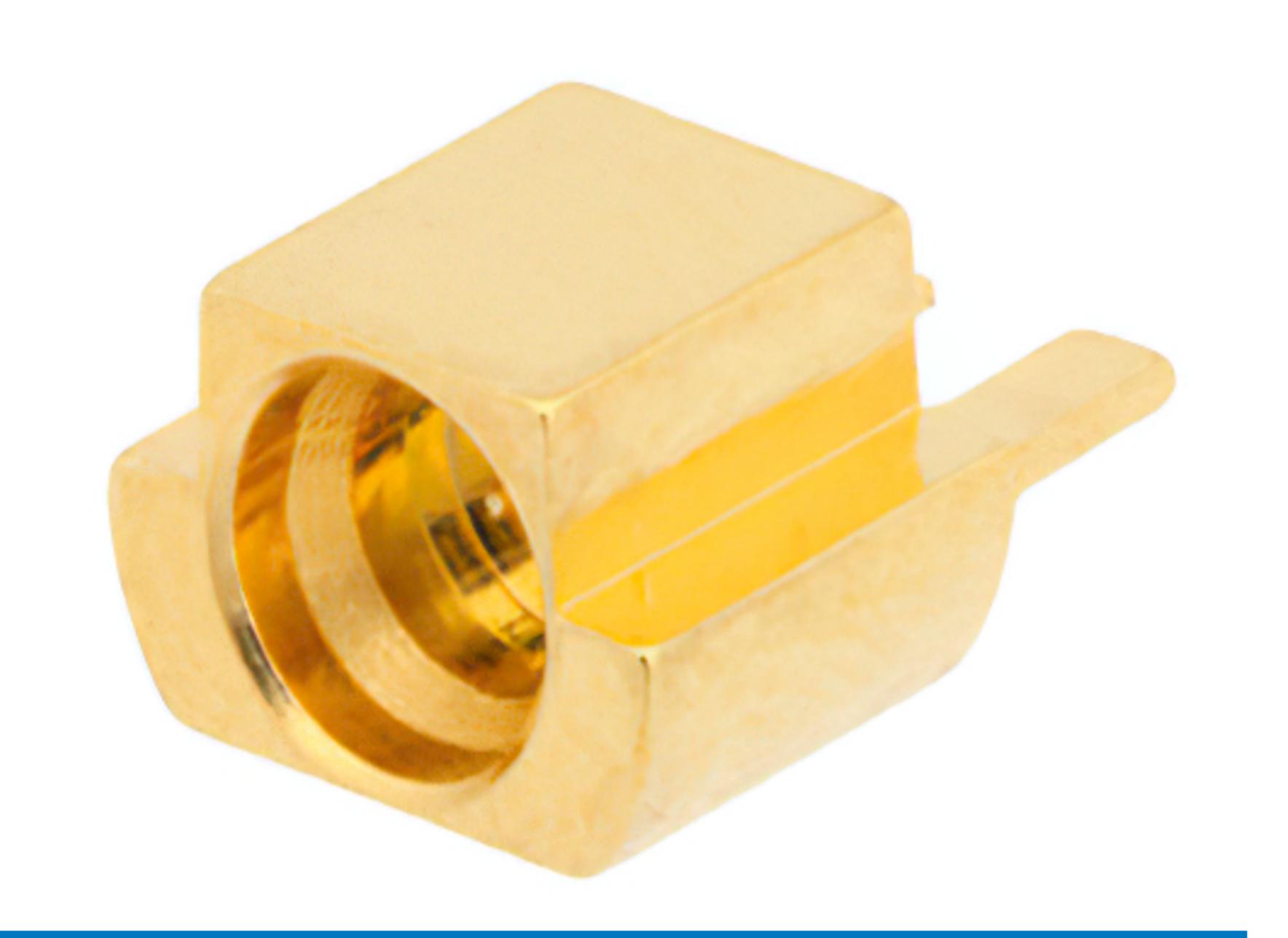


SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz



## TECHNICAL DATA SHEET

ET11518

Ebeestock 8 GHz SMP connectors are designed to offer a low cost alternative where the SMP form factor is desired but the standard SMP frequency range is not needed. The line of 8 GHz SMP connectors is fully compatible with industry standard SMP and GPO® connectors. These SMP connectors offer a low cost high performance blind-mate solution for lower frequency applications. The Male versions of the 8 GHz SMP is available in Full Detent, Limited Detent, and Smooth Bore versions.

- Fully compatible with industry standard SMP and GPO® connectors
- Full Detent, Limited Detent, and Smooth Bore Male designs
- Glass Bead Hermetic Sealed Male Shroud versions available
- DC to 8 GHz with excelent VSWR and RF Leakage performance

## Configuration

Connector SMP Male, Smooth Bore

Connector Specification

Connector Interface Type

End Launch

Attachment Method (Shield/Contact)

Body Style

MIL-STD-348A

End Launch

Solder

Straight

## Electrical Specifications

Frequency Range

Impedance

Maximum VSWR

DC to 8 GHz

50 Ohms

1.1:1

# Mechanical Specifications

#### Temperature

Operating Range -65 to +165 deg C

Size

 Length
 0.289 in [7.34 mm]

 Width/Dia.
 0.305 in [7.75 mm]

 Height
 0.171 in [4.34 mm]

#### Connector

Type SMP Male Mating Cycles 500

Contact Material and Plating

Beryllium Copper, Gold

Contact Plating Specification

Body Material and Plating

Body Plating Specification

MIL-DTL-45204

MIL-DTL-45204

Dielectric Type PTFE

#### Compliance Certifications (visit for current document)

RoHS Compliant

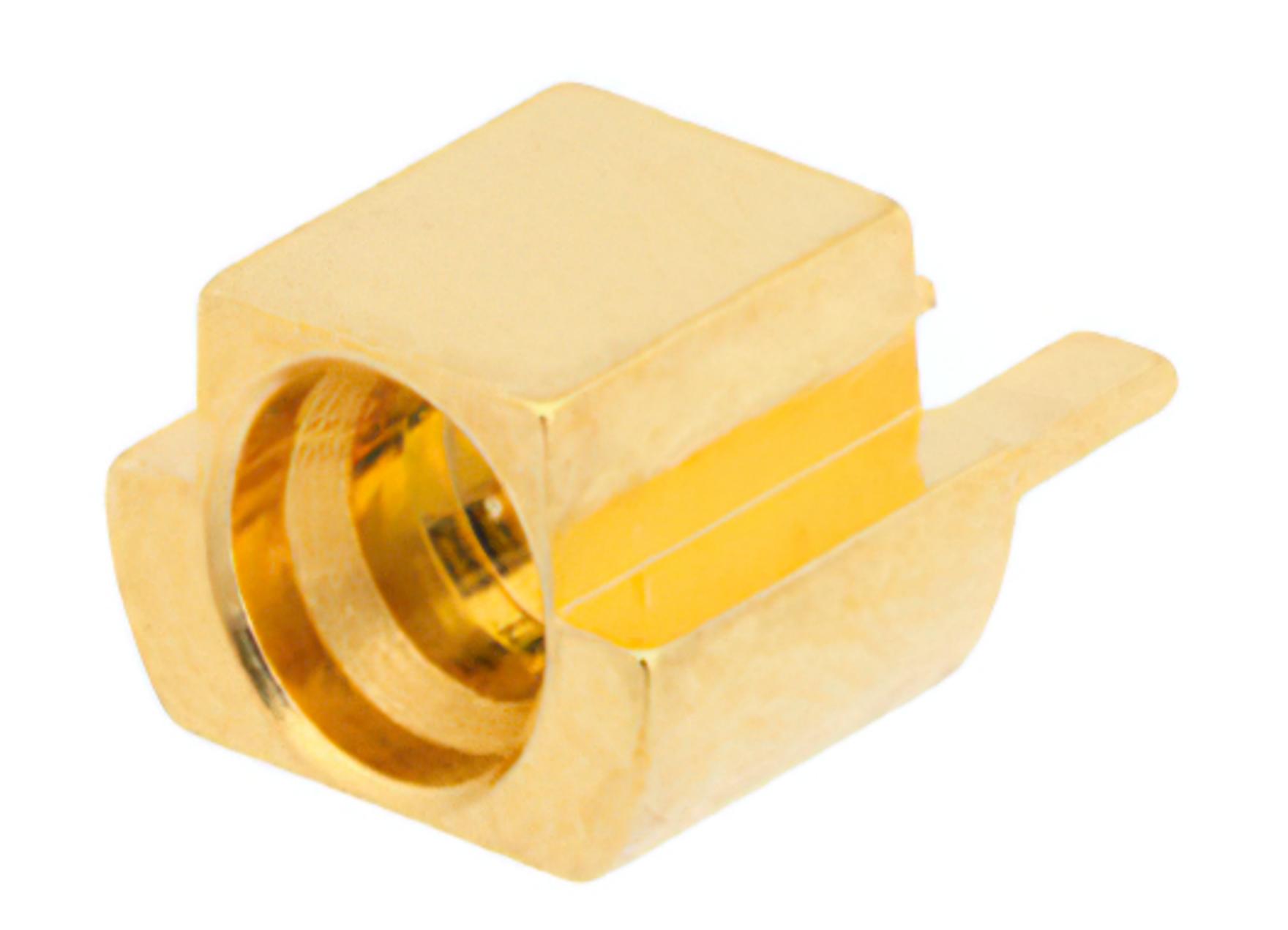
REACH Compliant 6/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz ET11518

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### Plotted and Other Data

Notes:

- Values at +25 °C, sea level
- GPO® is a Registered Trademark of Corning Gilbert Inc.

SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz from Ebeestock 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: SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz ET11518

**URL:** https://www.ebeestock.com/smp-male-smooth-bore-connector-solder-attachment-end-launch-pcb-up-to-8-ghz-0011518

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

ET11518 CAD Drawing

SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz

