



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

TECHNICAL DATA SHEET

PE44879

Pasternack 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 excellent VSWR and RF Leakage performance

Configuration

Connector	SMP Male, Smooth Bore
Connector Specification	MIL-STD-348A
Connector Interface Type	End Launch
Attachment Method (Shield/Contact)	Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 8 GHz
Impedance	50 Ohms
Maximum VSWR	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	MIL-DTL-45204
Body Material and Plating	Brass, Gold
Body Plating Specification	MIL-DTL-45204
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com 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 PE44879](#)



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

TECHNICAL DATA SHEET

PE44879

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 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: [SMP Male Smooth Bore Connector Solder Attachment End Launch PCB, Up To 8 GHz PE44879](#)

URL: <http://www.pasternack.com/smp-male-standard-end-launch-pcb-connector-pe44879-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.

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



PE44879

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].

FSCM NO. 53919

CAD FILE 100713

SIZE A

2233

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | **Fax:** (949) 261-7451

Phone: (345) 201-1321 | Fax: (345) 201-1741
 Website: www.pasternack.com | E-Mail: sales@pasternack.com