



## 2.92mm Female to Mini SMP Male Smooth Bore Adapter

### RF Adapters Technical Data Sheet

**PE91128**

#### Configuration

- 2.92mm Female Connector 1
- Smooth Bore Mini SMP Male Connector 2
- 50 Ohm
- Straight Body Geometry

#### Features

- Max VSWR of 1.35:1 up to 40 GHz
- Contact plating according to MIL-DTL-45204
- Gold Plated Beryllium Copper Contact
- Max VSWR of 1.35:1 up to 40 GHz
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-DTL-45204

#### Applications

- Allows Connection Between Series
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test

#### Description

Pasternack's PE91128 2.92mm female to Mini SMP male smooth bore adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to Mini SMP adapter has a female to male gender configuration. PE91128 2.92mm female to Mini SMP male adapter is gold plated and operates to 40 GHz. The Pasternack RF adapter provides good VSWR of 1.35:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
Impedance		50 Ohm		
VSWR			1.35:1	

Electrical Specification Notes:  
Values at 25°C, sea level.

#### Mechanical Specifications

Size	
Length	0.87 in [22.17 mm]
Weight	0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female to Mini SMP Male Smooth Bore Adapter PE91128](#)



## 2.92mm Female to Mini SMP Male Smooth Bore Adapter

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**PE91128**

Description	Connector 1	Connector 2
Type	2.92mm Female	Mini SMP Male
Polarity	Standard	Standard

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Female		Smooth Bore Mini SMP Male	
Contact	Beryllium Copper	Gold MIL-DTL-45204	Beryllium Copper	Gold MIL-DTL-45204
Insulation	PTFE		PTFE	
Outer Conductor	Beryllium Copper	Gold MIL-DTL-45204		
Body	Beryllium Copper	Gold MIL-DTL-45204	Beryllium Copper	Gold MIL-DTL-45204

#### Environmental Specifications

##### Temperature

Operating Range -55 to +125 °C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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## 2.92mm Female to Mini SMP Male Smooth Bore Adapter

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**PE91128**

2.92mm Female to Mini SMP Male Smooth Bore Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

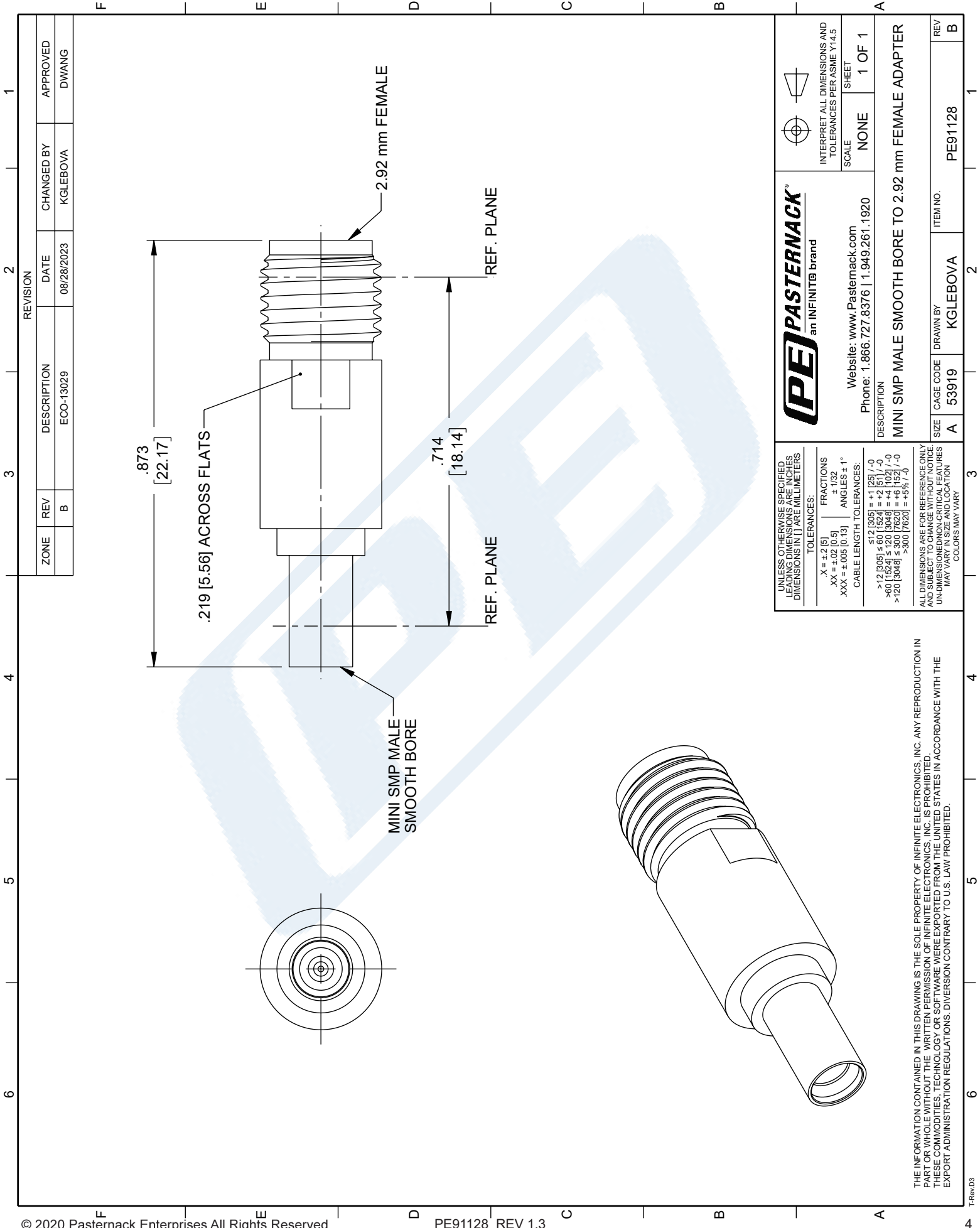
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female to Mini SMP Male Smooth Bore Adapter PE91128](https://www.pasternack.com/2.92mm-female-mini-smp-male-straight-adapter-pe91128-p.aspx)

URL: <https://www.pasternack.com/2.92mm-female-mini-smp-male-straight-adapter-pe91128-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.

PE91128 CAD Drawing

2.92mm Female to Mini SMP Male Smooth Bore Adapter



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 an INFINITI® brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920		SCALE	SHEET
DESCRIPTION		NONE	1 OF 1
MINI SMP MALE SMOOTH BORE TO 2.92 mm FEMALE ADAPTER			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	KGLEBOVA	PE91128
REV		B	