

4

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2

1

**MATERIAL & FINISH:**  
**2.92mm CONNECTOR:**  
 1 BODY: BRASS, GOLD PLATED  
 2 CENTER CONTACT: BERYLLIUM COPPER, GOLD PLATED  
 3 INSULATOR: PEI

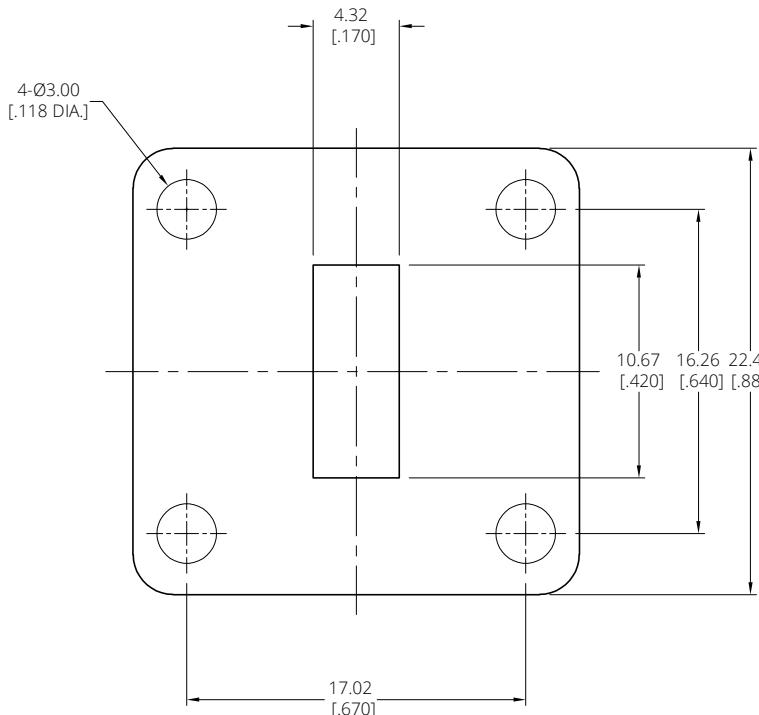
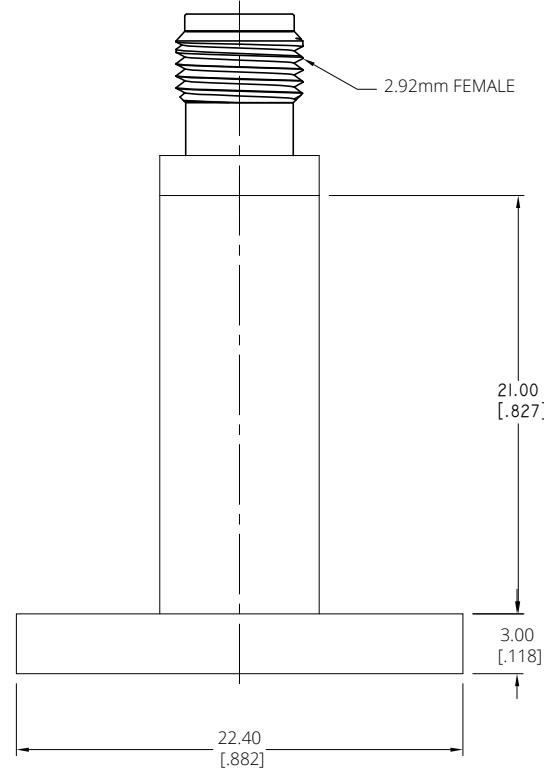
**ELECTRICAL DATA:**  
 1 IMPEDANCE: 50 Ω  
 2 FREQUENCY RANGE: 17.6~26.7GHz  
 3 VSWR: 1.25 MAX.  
 4 INSERTION LOSS: 0.2 dB MAX.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/29/25	J. Q

D

D

**WR42:**  
 1 CAVITY: BRASS, GOLD PLATED



C

C

B

B

A

A

DRAWN  
W. Y

DATE  
05/29/25

CHECKED  
X. Y

DATE  
05/29/25

APPROVED  
J. Q

DATE  
05/29/25

UNLESS OTHERWISE SPECIFIED DIMENSIONS  
ARE IN MILLIMETERS, DIMENSIONS IN [ ]  
ARE IN INCHES FOR CUSTOMER REFERENCE  
ONLY UNLESS OTHERWISE SPECIFIED  
TOLERANCE ARE:

XX ±0.13 [0.005"]  
 X ±0.30 [0.012"]  
 x ±0.50 [0.019"]  
 X° ±1°  
 x° ±2°

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WR42 WAVEGUIDE TO COAXIAL 2.92mm ADAPTERS



PART NO.  
WR42-292-03

SIZE  
A3

SCALE  
4:1

SHEET  
1/1

REV.  
A

4

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