PRECISION ADAPTERS

2.92mm (K) IN-SERIES ADAPTERS

Description

Maury precision 2.92mm (K) in-series adapters are low VSWR and low loss devices that operate from DC to 40 GHz. The models 8714A1, B1, and C1 offer all combinations for adapting and are ideal for use in precision measurement applications. These adapters are minimum length, phase matched, and feature a square-flanged body for ease of connecting that also prevents rolling off tables. They are useful as "test port savers" when used with automatic network analyzers such as the HP8510, etc. The models 8714D1 and 8714E1 are bulkhead and panel mount feedthru adapters, respectively, designed for instrumentation applications.

Specifications

Frequency Range ..... DC to 40 GHz

VSWR ..... DC to 4 GHz, 1.05 max.
4 to 20 GHz, 1.08 max.
20 to 40 GHz, 1.12 max.

Impedance ..... 50 ohms

Connectors ..... 2.92mm (K) per 5E-063

Model	Adapter From	Adapter To	Figure
8714A2	2.92mm (K) female	2.92mm (K) female	1
8714B2	2.92mm (K) male	2.92mm (K) male	2
8714C2	2.92mm (K) female	2.92mm (K) male	3
8714D1	2.92mm (K) female	2.92mm (K) female [1]	4
8714E1	2.92mm (K) female	2.92mm (K) female [2]	5

[1] Bulkhead feedthru.

[2] Panel mount feedthru.

Dimensions – Inches

Figure 1 – Model 8714A2

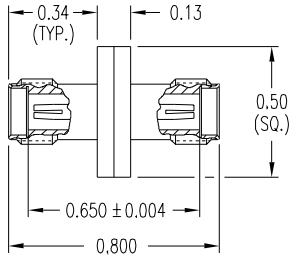


Figure 2 – Model 8714B2

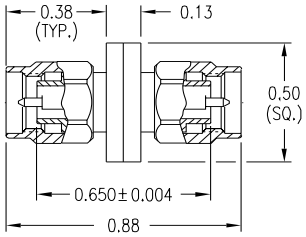


Figure 3 – Model 8714C2

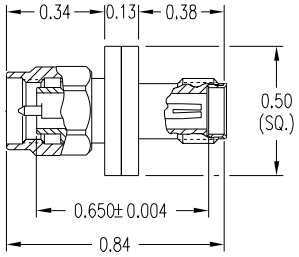


Figure 4 – Model 8714D1

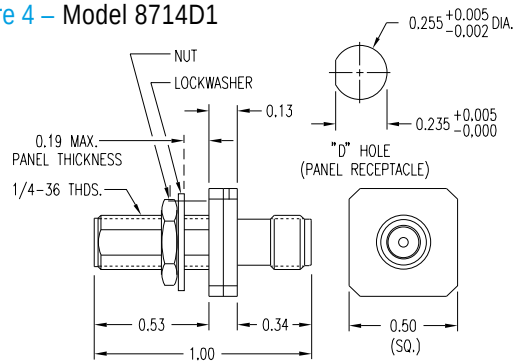
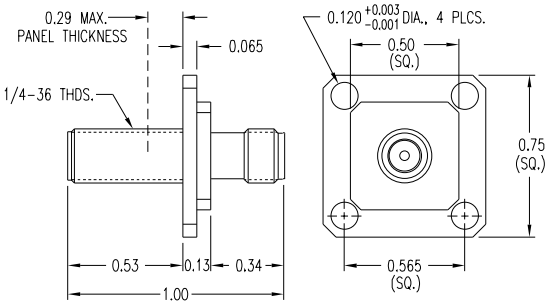


Figure 5 – Model 8714E1



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