

Preliminary
Ver 5.3 9/13/2000

Outline of TCA10F (unit:mm)

Technical drawing of the TCA10F component. The top view shows a rectangular component with a width of 5.00 and a length of 16.00. The side view shows a rectangular component with a height of 1.60 and a width of 5.00. The component is labeled TCA10F.

Typical SMT Installation

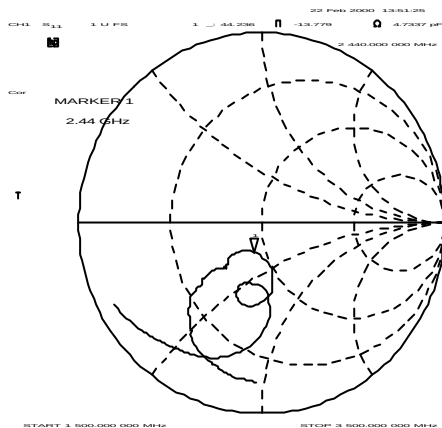
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- A 3D schematic diagram of a microfluidic device. It features a central rectangular channel with a cross-section of 100 μm by 100 μm. This central channel is flanked by two side channels, each with a cross-section of 50 μm by 100 μm. The entire device is constructed from a material with a thickness of 1 mm. The inlet and outlet ports are located on the top surface of the device.

Layout Guide (unit:mm)

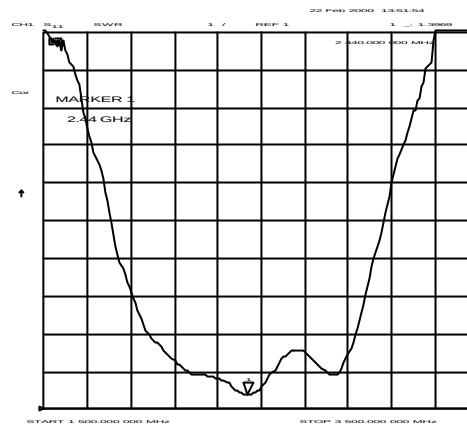
Typical Input Characteristics

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Smith Chart



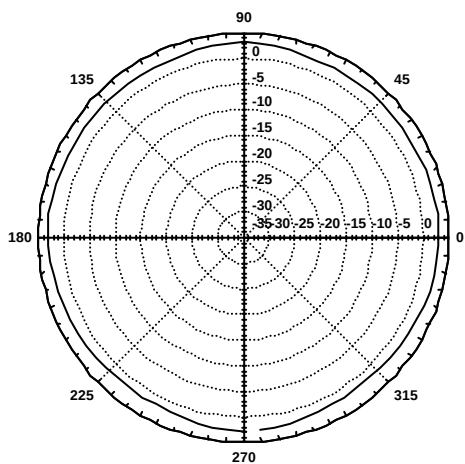
VSWR



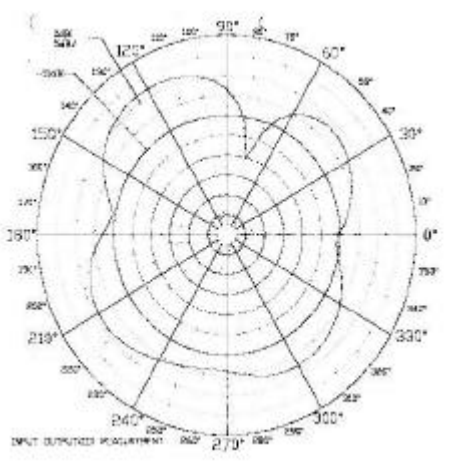
Measured Antenna Patterns at 2.4GHz

(under test condition 1)

H-Plane



E-Plane



This specification, prepared by TriCOME, is believed to be accurate and reliable. But TriCOME reserves the right to make any change or improvement without further notice.



TriCOME Microwave Electronics Corp.

3-5F, No. 31, Ln. 216, Gung Yuan Rd., Hsin Chu, Taiwan

TEL: +886-3-561-3662 FAX: +886-3-561-0416

E-mail: sales@tricome.com

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