

Banana-Triax Adapter STC6P4W STC6P2W STC6P2W-B



Data sheet
EN01A



Banana-Triax Adapter STC6P Series

Key Features

- Supports low-current measurements below 1 nA
- Compatible with 2-wire (non-Kelvin) and 4-wire (Kelvin) connections
- Enables easy connection to triaxial test fixtures and wafer probe stations

Product Overview

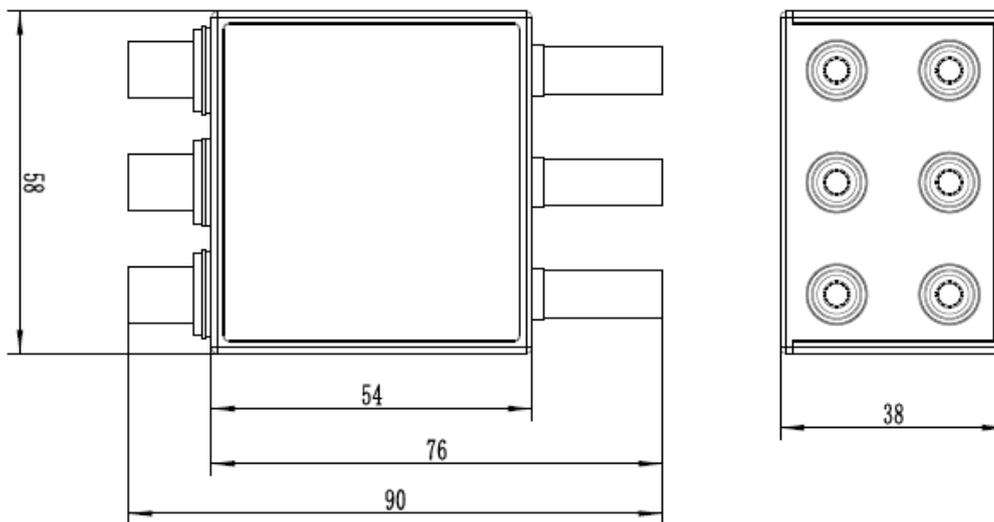
The STC6P series triaxial connectors are banana-to-triaxial adapter products designed for the SMM3000X series Source Measure Unit (SMU). They support both 2-wire and 4-wire connection requirements.

Product Description

STC6P4W	Banana to Triaxial – 4-Wire Adapter
STC6P2W	Banana to Triaxial – 2-Wire Adapter
STC6P2W-B	Banana to Triaxial – 2-Wire Adapter

Note: Internal wiring is shown in the diagrams below.

Product Dimensions



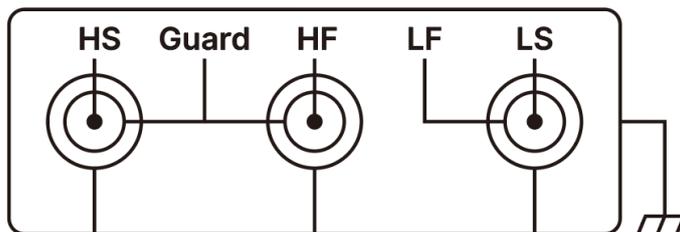
units (mm)
STC6P4W



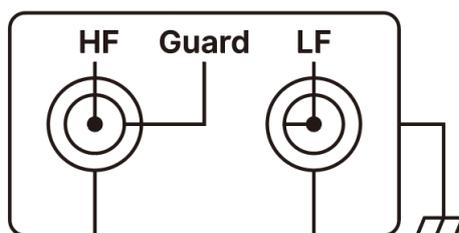
Caution:

To avoid personal injury and other potential hazards, make connections and disconnections only when the output is turned off, and ensure that connectors are securely attached to the instrument and cables during use.

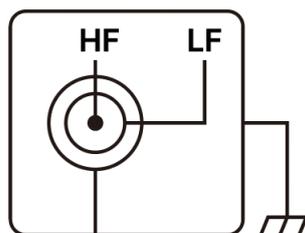
Internal Wiring Diagrams



STC6P4W



STC6P2W



STC6P2W-B

Other Specifications

Input Characteristics	
Maximum Input	DC 250V/1A
Mechanical Characteristics	
Length × Width × Height	90mm × 58mm × 38mm
Other Characteristics	
Operating Environment	Operating Temperature: 0 °C to +50 °C, 30 % to 80 %
	Storage Temperature: -30 °C to 70 °C, 10 % to 90 %
	Altitude: Operating: 0 m to 2000 m, Storage: 0 m to 4600 m



About SIGLENT

SIGLENT is an international high-tech company, concentrating on R&D, sales, production and services of electronic test & measurement instruments.

SIGLENT first began developing digital oscilloscopes independently in 2002. After more than a decade of continuous development, SIGLENT has extended its product line to include digital oscilloscopes, isolated handheld oscilloscopes, spectrum analyzers, function/arbitrary waveform generators, RF/MW signal generators, vector network analyzers, digital multimeters, DC power supplies, electronic loads and other general purpose test instrumentation. Since its first oscilloscope was launched in 2005, SIGLENT has become the fastest growing manufacturer of digital oscilloscopes. We firmly believe that today SIGLENT is the best value in electronic test & measurement.

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