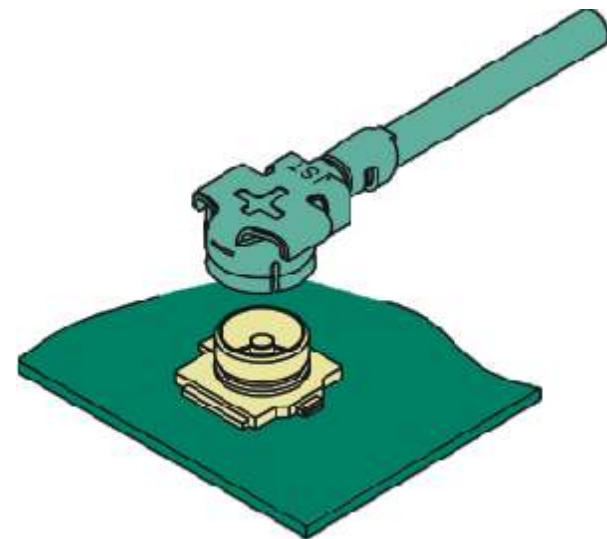
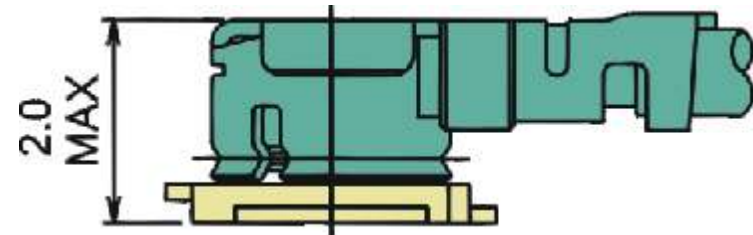


## DIMENSIONS:



**ISO-9001 QS-9000 QUALITY**

## SPECIFICATIONS:

Impedance:

50  $\Omega$

Frequency range:

0.045 Ghz ~ 3 Ghz

V.S.W.R.:

1.3 max. (DC ~ 3 Ghz)

Temperature range:

-20 to +90 Degrees C

Dielectric Withstanding:

AC 150 V r.m.s.

NOTE: Test reports and/or product data is available upon request.



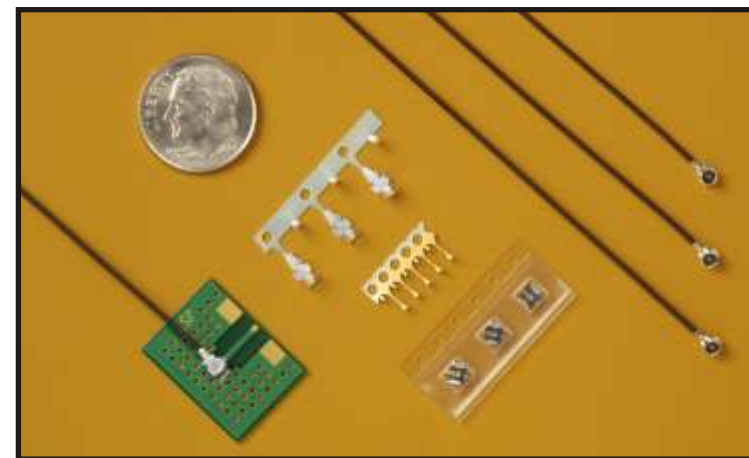
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Technical  
Assistance  
Hot line!**

**866-578-3111**

JST CORPORATION  
1957 S. Lakeside Drive \* Waukegan, IL 60085  
800/947-1110 \* Fax: 847/473-1373 \* www.jst.com

# JST

## AYU-1 SERIES



## ORDERING INFORMATION:

NAME	PART NO.
PCB Half	AYU1-1P-02676-120
Cable Half	AYU1-1S-12676-121*

\* Sold only as completed cable assemblies.

# NEW DIMENSIONS

in quality subminiature connectors

## WORLD'S SMALLEST CABLE-TO-BOARD MINI-COAXIAL CONNECTOR.

The new AYU-1 Series connector is the world's smallest cable-to-board coaxial connector. These extremely small and low profile connectors have a mounting area of only 3.00 mm (.118") x 3 mm (.118") on PCB and 2 mm (.079") height when mated with applicable cable plug resulting in significant space savings.

Designed for applications operating from DC to 3Ghz, these SMT connectors are ideal for high density telecommunications equipment such as; cellular phones, PDA's, Wireless Data Collection Devices, etc. Embossed tape packaging provides production efficiency via pick and place assembly machines.

Cost-effective cable plugs are supplied as complete assemblies per customer specifications.

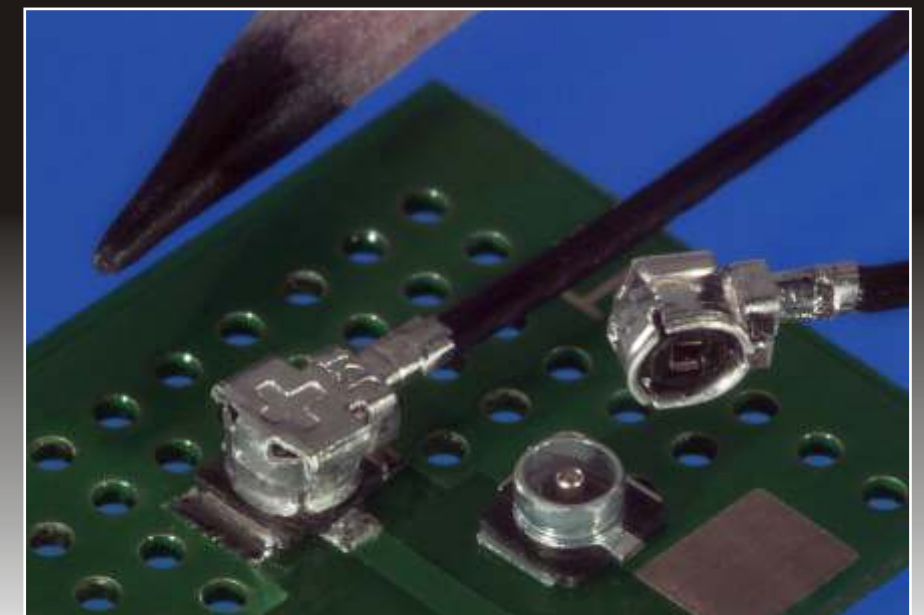


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## SPECIFICATIONS:

The AYU-1 Series connectors have excellent frequency performance with a V.S.W.R. of 1.3 max. or less, existing in a frequency range from DC up to 3 Ghz. With a 50  $\Omega$  impedance rating and operating between a range of .045 Ghz to 3 Ghz, these connectors offer comparable performance to that of much larger coax types. Dielectric Withstanding Voltage is AC 150V r.m.s. and temperature range is -20° to +90°C.

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