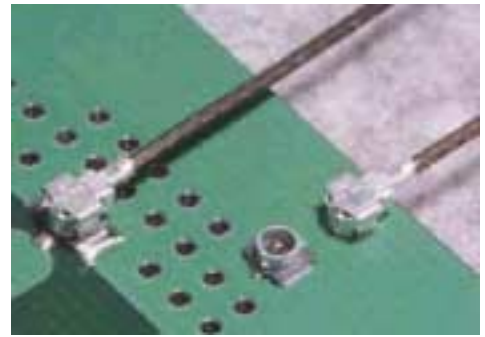


AYU-1

New cable to PCB mini-coax connector

Features and Benefits:

- | | |
|--|--|
| 1. Small size | Space savings |
| 2. Low Profile | Allows compact packing |
| 3. Surface Mountable | Compatible with SMT |
| 4. Excellent frequency performance | Frequency range from D.C. to 3Ghz |
| 5. PCB mount half supplied on emboss tape | Permits use of Pick and Place assembly equipment |
| 6. Cable half supplied as assemblies per customer specifications | No rejects; 100% fully test assemblies |



Specifications:

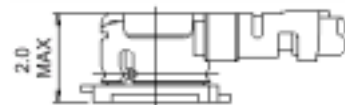
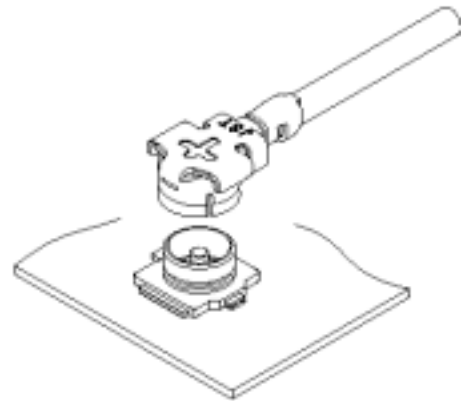
Impedance:	50Ω
Frequency range:	0.045Ghz ~ 3Ghz
V.S.W.R.:	1.3 max. (DC ~ 3Ghz)
<small>(Voltage Standing Wave Ratio)</small>	
Dielectric Withstanding Voltage:	AC 150V r.m.s.
Operational temperature range:	-20°C to +90°C

Applications:

- Cellular Phones
- Wireless Hand Held Devices
- Devices requiring connection of antennas or small very high speed signals

Part Numbers:

PCB Half: AYU1-1P-02767-120
Cable Half: AYU1-1P-12767-121



Frequently Asked Questions:

1. What size coax cable is used?

Coaxial cable 0.8mm OD, 36AWG.

2. Who supplies this cable? Are there USA sources for it?

Hitachi is the approved supplier for JST. Nissei is being tested as an alternative supplier.

3. What application tooling exists to terminate this product?

The termination of AYU1 plug will be done by JST (terminated plug will be sold by JST).

4. What are the cable preparation procedures?

The termination of AYU1 plug will be done by JST (terminated plug will be sold by JST).

5. Does the product come on strip or is it loose piece?

Receptacle comes in tape and reel.

6. What technical support documents are available?

Test Report R-2-21678 and tentative Product Specification T-2-21678 are available now. The Handling Manual is still not available.

7. Are drawings available?

Yes

Plug: KRD-27133

Receptacle: KRD-27138