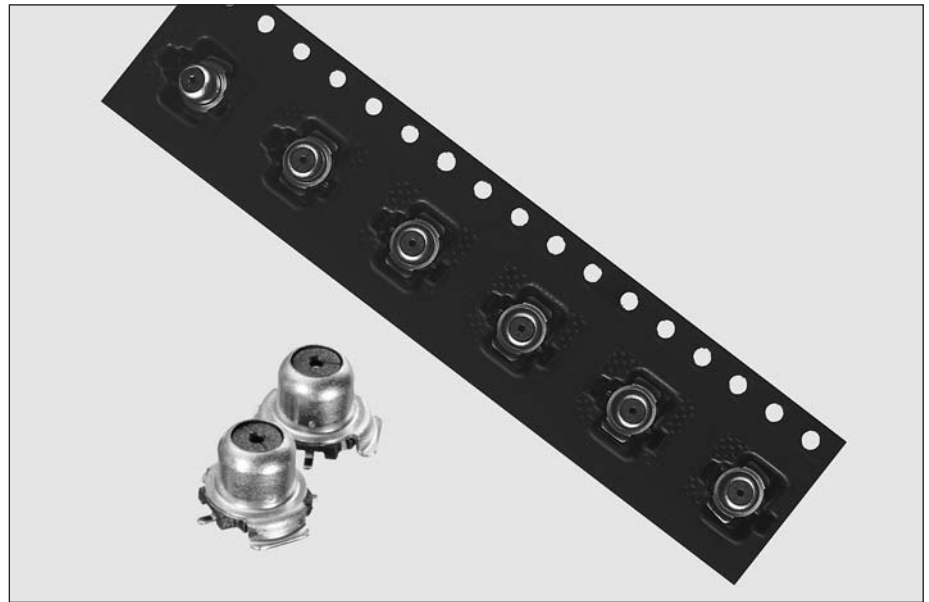


The ultra-small LPC TP-1 has been developed as an antenna test port for portable terminal interfaces and the inspection of PCB boards. It is an ideal solution for applications that do not require a very high number of mating cycles.

**Applications:**

- Mobile Phones
- Portable Radio
- Portable Satellite
- PDA



 For more information: [www.ittcannon.com/cat270](http://www.ittcannon.com/cat270)

*New*

**Product Features**

- 100% inspection ensures quality.
- Tape and reel packaging.

**Performance Specifications**

Connector Durability	500 mating cycles min.
Frequency Range	0 to 2 GHz
Humidity	Operable in 90% relative humidity, temp. 40°C (104°F)
Impedance	50 Ω nominal
Insertion loss on customer PCB (mismatch losses included) through PCB connector (unmated)	<0.15 dB at 900 to 2000 MHz
Mating Force of Ground	20 N max.
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Packaging	Tape & Reel, 1500 pieces per reel
Salt Mist	In accordance with IEC 68-2-11, Method Ka
Shock	100 g (force) 6 directions over 3 axes
Solder System	Infrared and hot air reflow
Vibration	0.04 g <sup>2</sup> /Hz 10 to 2000 Hz
VSWR	<1.2:1 at 900 to 2000 MHz

**Materials and Finishes**

Description	Material	Finish
Shell	Brass	Gold
Insulator	LCP	Color: Black
Moving Contact	Beryllium Copper	Gold
Fixed Contact	Brass	Gold

 Please contact your local Cannon representative: [www.ittcannon.com/support/ContactUs](http://www.ittcannon.com/support/ContactUs)