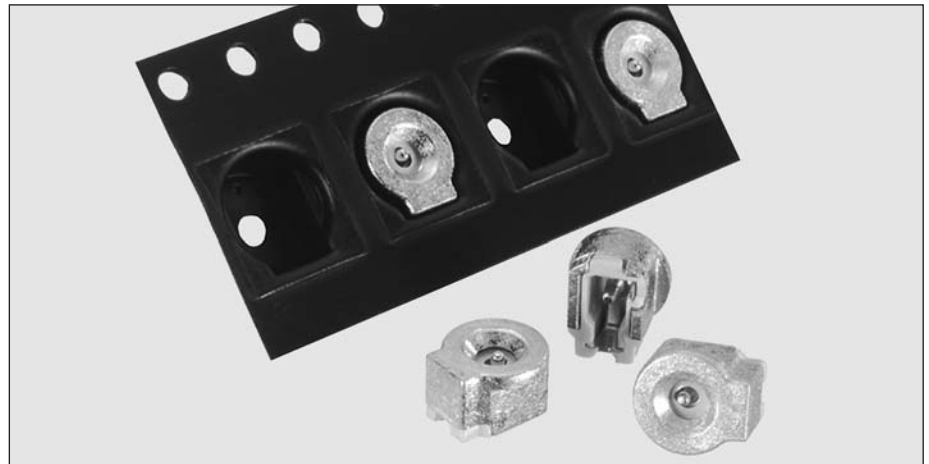


The MID switchable connector is lightweight, small in size, and surface mounted with a low profile of 3,47 mm. This new generation of mobile phone connectors uses the latest plated plastics technology, which permits the outer shape to be modified easily, allowing for a more flexible design.

Applications:

- Mobile Phones
- PDA
- Portable Radio
- Portable Satellite



 For more information: www.ittcannon.com/cat267

New

Product Features

- Compact design and lightweight.
- Plastic plated shell.
- 100% inspected on assembly.

Performance Specifications

Connector Durability	12,000 mating cycles min.
Corrosive Atmosphere	In accordance with IEC 68-2-60: SO ² H ² S No Damage
Frequency Range	0 to 2 GHz
Humidity	Operable in 90% relative humidity, temp. 40°C (104°F)
Impedance	50 Ω nominal
Mating Force of Ground	4 N and < 7 N
Mating Force of Signal	> 0.20 N after 2 soldering processes and 10,000 mating cycles
Mounting	Surface Mount
Offset Mating	0.9 mm
Operating Temperature	-40°C and 85°C (-40°F to 185°F)
Packaging	Tape & Reel, 2000 pieces per reel
Salt Spray	In accordance with IEC 68-2-11, Method Ka
Shock	In accordance with IEC 68-2-27: 30 g (force) = 294.2 m/s ² 6 ms 1/2 sine 6 directions - No discontinuity
Solder System	Infrared and hot air reflow
Vibration	In accordance with IEC 68-2-36: 1.92 10 ⁻² g/Hz 5 to 200 Hz in 3 axis - No discontinuity

	At 900 MHz	At 1800 MHz	At 2000 MHz
Voltage Standing Wave Ratio (VSWR)	<1.2:1	<1.3:2	<1.3:1
After 500 mating cycles	<1.3:1	<1.4:1	<1.4:1
Insertion loss on customer PCB (mismatch losses Included) through PCB connector (unmated)	<0.1 dB	<0.1 dB	<0.1 dB
Isolation between switching contacts	>30 dB	>25 dB	>25 dB

Materials and Finishes

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

 Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs