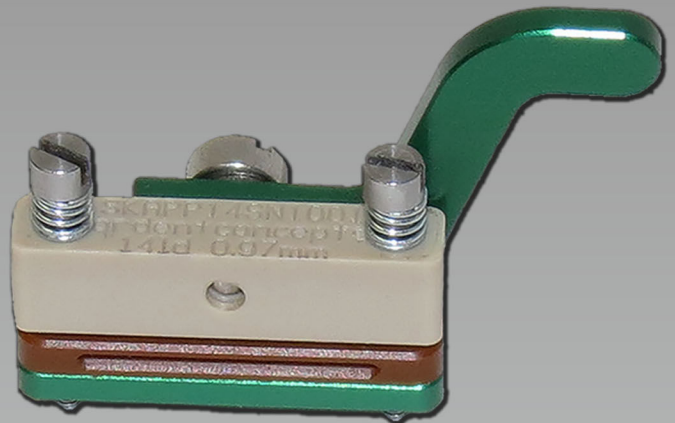
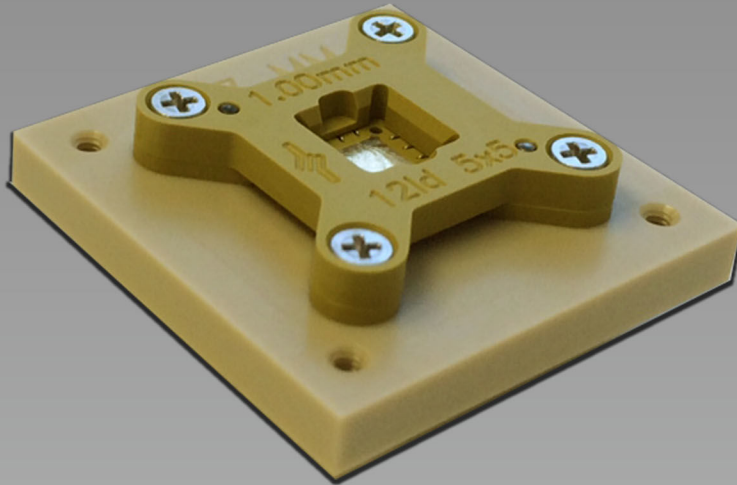


# SC

## ATE Test Contactors: MEMS/ Flex/ Chipscale Devices



### High Productivity

- Easy to maintain
- Elastomer free
- Easy to replace pins
- Up to 100,000 cycles before cleaning
- Lifetime - 500,000+ cycles
- No board wear & tear

### Key Features

- Extremely short signal length
- Insertion loss 33 GHz @ 1dB
- Pitch available as low as 0.40mm
- CRES below 50 mOhm
- Continuous current 2 Amps
- Tungsten contact with hard gold plating
- Wide package range: MEMS, QFN, DFN
- Wide temperature range (-40°C to 150°C)

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Specifications subject to change without notice

US Patent Numbers 6,787,709, 6,909,506, 7,126,062, 7,556,503, 8,926,342.

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## ATE Test Contactors: MEMS/ Flex/ Chipscale Devices

### Electrical

**Cres**

35 mOhm

**CCC**

2 Amps

**Inductance - Self**

0.29 nH

**Inductance - Mutual**

0.13 nH

**Cap. - Gnd**

0.18 pF

**Cap. - Mutual**

0.03 pF

**Insertion Loss (S21)**

33 GHz @ -1dB

**Return Loss (S11)**

13 GHz @ -20dB

### Mechanical

**Working cph**

0.914 mm

**Force @ cph**

20 grams

**Min Pitch**

0.4 mm

**DUT Compression**

0.20 to 0.25 mm

**Temperature**

-40°C to 150°C

### Chemical

**DUT Tip Plating Material**

High Hardness Gold

**PCB Tip Plating Material**

High Hardness Gold

**Housing Material**

Vespel SP1

Torlon 4203

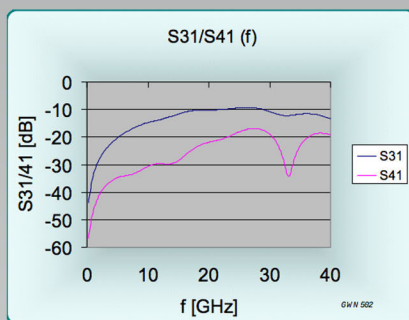
### Product

**Life**

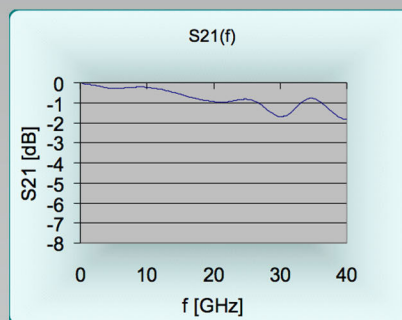
500,000+ insertions

**Cleaning Interval**

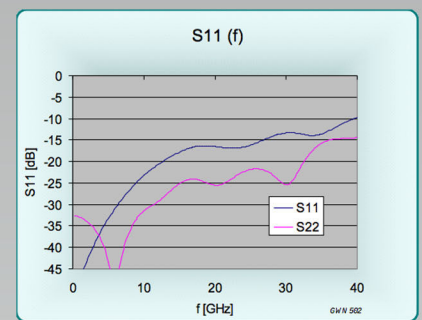
100,000+ insertions



Crosstalk



Insertion Loss



Return Loss