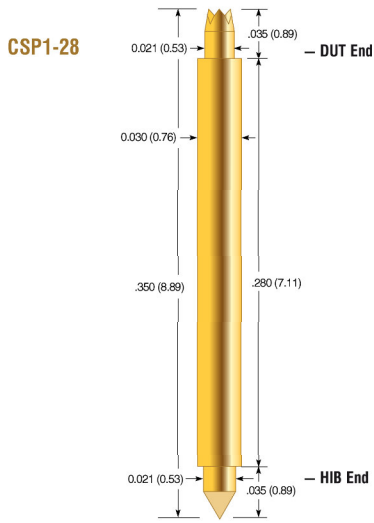


## CSP1

1.0 mm



### Mechanical

Pitch:	.039 (1.0)
Recommended Travel:	.030 (0.76)
Full Travel:	.040 (1.02)
Test Height:	.312 (7.92)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	2.0 (57)

### Electrical (Static Conditions)

Current Rating:	3 amps
Average DC Probe Resistance**:	< 100 mOhms
Self Inductance (Ls):	1.81 nH
Capacitance (Cc):	0.96 pF
Bandwidth @ -1dB:	5.25 GHz

### Materials and Finishes

Plunger DUT:	BeCu or Steel, Gold plated over hard Nickel
Plunger HIB:	BeCu or Steel, Hard Gold over Nickel
Barrel:	Phosphor Bronze, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated

### Tip Style - DUT / HIB



\* Life specifications are based on lab results but are dependent on cleaning frequency and the specific customer application, including DUT materials, handler kit, maintenance, etc  
\*\* Contact resistance will increase over time due to solder build-up and wear