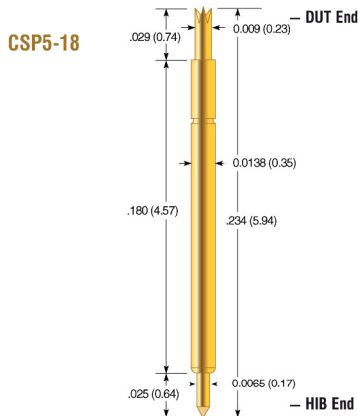


CSP5

0.50 mm



Mechanical

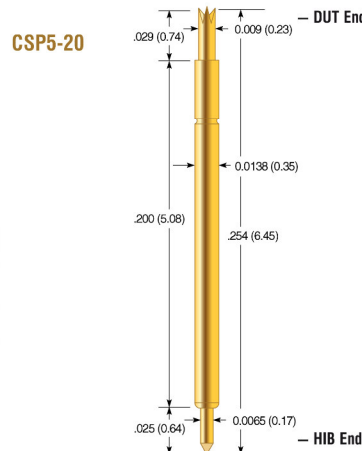
Pitch:	.019 (0.50)
Recommended Travel:	.020 (0.51)
Full Travel:	.025 (0.64)
Test Height:	.214 (5.44)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	.7 (19.8)

Electrical (Static Conditions)

Current Rating:	2 amps
Average DC Probe Resistance**:	<100 mOhms
Self Inductance (Ls):	1.5 nH
Capacitance (Cc):	0.63 pF
Bandwidth @ -1dB:	8.13 GHz

Materials and Finishes

Plunger DUT:	BeCu or Steel, Gold plated over hard Nickel or Primeguard 1 for NiPd solder or Primeguard 2 for Lead free solder
Plunger HIB:	BeCu or Steel, Hard Gold over Nickel
Barrel:	Phosphor Bronze, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated



Mechanical

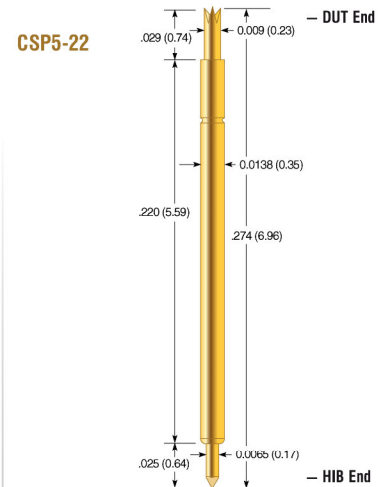
Pitch:	.019 (0.50)
Recommended Travel:	.020 (0.51)
Full Travel:	.025 (0.64)
Test Height:	.234 (5.94)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	.7 (19.8)

Electrical (Static Conditions)

Current Rating:	2 amps
Average DC Probe Resistance**:	<100 mOhms
Self Inductance (Ls):	1.65 nH
Capacitance (Cc):	0.69 pF
Bandwidth @ -1dB:	7.4 GHz

Materials and Finishes

Plunger DUT:	BeCu or Steel, Gold plated over hard Nickel or Primeguard 1 for NiPd solder or Primeguard 2 for Lead free solder
Plunger HIB:	BeCu or Steel, Hard Gold over Nickel
Barrel:	Phosphor Bronze, Hard Gold over Nickel
Spring:	Steel alloy, Gold plated



Mechanical

Pitch:	.019 (0.50)
Recommended Travel:	.020 (0.51)
Full Travel:	.035 (0.89)
Test Height:	.254 (6.45)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.0 (28.4)

Electrical (Static Conditions)

Current Rating:	2 amps
Average DC Probe Resistance**:	<100 mOhms
Self Inductance (Ls):	1.79 nH
Capacitance (Cc):	0.75 pF
Bandwidth @ -1dB:	6.8 GHz

Materials and Finishes

Plunger DUT:	BeCu or Steel, Gold plated over hard Nickel or Primeguard 1 for NiPd solder or Primeguard 2 for Lead free solder
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



Tip Style - DUT / HIB



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