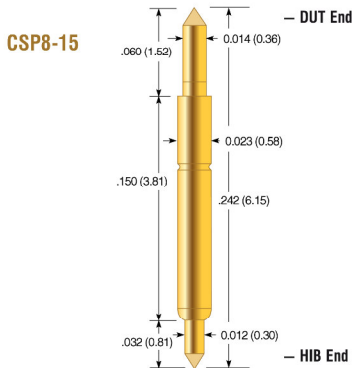


CSP8
0.80 mm



Mechanical

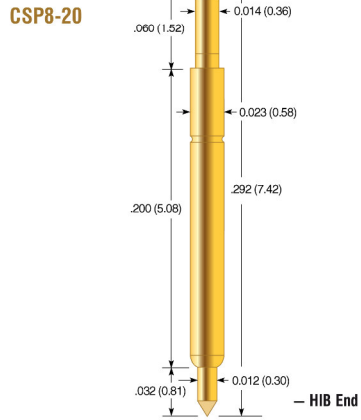
Pitch:	.032 (0.80)
Recommended Travel:	.030 (0.76)
Full Travel:	.040 (1.02)
Test Height:	.212 (5.38)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.1 (31.2)

Electrical (Static Conditions)

Current Rating:	3 amps
Average DC Probe Resistance**:	<100 mOhms
Self Inductance (Ls):	1.23 nH
Capacitance (Cc):	0.65 pF
Bandwidth @ -1dB:	9.23 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

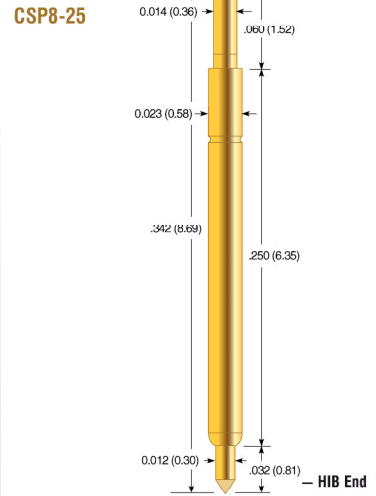
Pitch:	.032 (0.80)
Recommended Travel:	.030 (0.76)
Full Travel:	.040 (1.02)
Test Height:	.262 (6.65)
Mechanical Life*:	500,000 cycles
Operating Temperature:	-55°C to +155°C
Spring Force in oz. (grams):	1.1 (31.2)

Electrical (Static Conditions)

Current Rating:	3 amps
Average DC Probe Resistance**:	<100 mOhms
Self Inductance (Ls):	1.52 nH
Capacitance (Cc):	0.81 pF
Bandwidth @ -1dB:	7.45 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:	.032 (0.80)
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):	1.1 (31.2)

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

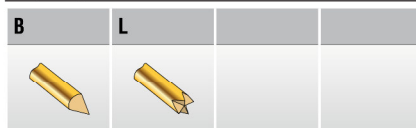
Materials and Finishes

Plunger DUT:	BeCu or Steel, Gold plated over hard Nickel 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



Dimensions in inches (millimeters). Specifications subject to change without notice.
Consult factory for other temperature requirements, and applications below -40°C.
Stocking Disclaimer: Stocking levels for part numbers listed in this catalog are subject to change.
Availability is based on current levels of usage and demand.



* 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