

Wireless Sockets

Wireless sockets are comprised of a standard socket with a special interface probe permanently attached to the tail of the socket. Wireless sockets allow construction of fixtures with far shorter signal path lengths than conventional wire wrapped designs. The shorter path length allows better control of the signal from the tester circuits to the Unit Under Test (UUT).

Note: Top test probe is not included with the wireless sockets. (See applicable product series for ordering information).

INTERFACE PROBE TIP STYLES

3 Chisel

45°(3) (typ)

075-40 100-40 050-T40 039-40 Probe` Probe Probe Probe 050-16 Probe 0.474 0.480 0.480 [12.04] [12.19] 100-25 [12.19] 050-T25 039-25 075-25 (ref) 0.180 0.324 Probe 0.315 (ref) Probe 0.330 Probe Probe 0.330 (ref) [4.57] [8.23] [8.00] [8.38] [8.38] (ref) (ref) (ref) (ref) (ref) See 050-16 for press See 100-25 See 050-T25 See 075-25 ring config. for press for press, for press See 039-25 ring config. ring config. ring config. for press > ring config. Ø0.036 Ø0.0375 Ø0.052 Ø0.066 [0.91][0.95] [1.32] [1.68] Socket → 1.568 1.545 1.586 1.555 1.640 [39.83] [39.24] [40.29] [39.50] [41.66] Ø0.030 [0.77]Ø0.0255 Ø0.036 [0.65][0.91] (typ) Interface Probe -

0.480

[12.19]

(ref)

0.150 [3.81]

full stroke

100-SDN25_DS

Mounting Hole Dia.

0.067/0.069

[1.702/1.753]

P/N: 039-SDC255DS3

∠ R0.011 [0.28] (typ) **0** Round

Tube	Letter	Material/Finish
7	С	Heat treated BeCu/gold plated over nickel
Tip Style	Digits	Material/Finish
	3	Chisel. Heat treated BeCu/gold plated over nickel

P/N: 050-SBB16 DS example: 050-SBB160DS3

Tube	Letter	Material/Finish
₽	В	Heat treated BeCu/nickel clad ID/OD
Press Ring	Digits	Press Ring
	0	Single press ring located at 0.310 [7.87]
	1	Single press ring located at 0.400 [10.16]
	2	Single press ring located at 0.434 [11.02]
	3	Single press ring located at 0.524 [13.31]
)le	Digits	Material/Finish
Tip Sty	0	Spherical. Heat treated BeCu/gold plated over nickel
	3	Chisel. Heat treated BeCu/gold plated over nickel
Tip Style P	3 Digits 0	Single press ring located at 0.524 [13.31] Material/Finish Spherical. Heat treated BeCu/gold plated over nickel

P/N: 050-STB255DS example: 050-STB255DS3

-		•
Tube	Letter	Material/Finish
₽	В	Heat treated BeCu/nickel plated
Style	Digits	Material/Finish
	0	Spherical. Heat treated BeCu/gold plated over nickel
Ē	3	Chisel. Heat treated BeCu/gold plated over nickel

INTERFACE PROBE SPECIFICATIONS

Tube Material: Nickel silver/ID precious metal clad

Working Stroke: Up to 0.100 [2.54]

050-SBB16_DS

Mounting Hole Dia.

0.0368/0.0378

[0.935/0.960]

Working Temperature Range: Up to 204°C

Spring Force:

0.125 [3.17]

full stroke

039-SDC255DS3

Mounting Hole Dia.

0.0307/0.0317

[0.780/0.805]

Ø0.0147

[0.373] (max)¹

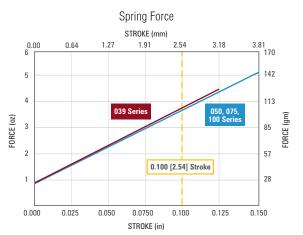
	Preload	@ 0.100 [2.54] Stroke	Material	Cycle Life @ 0.100 [2.54] Stroke
*039-25	0.8 [23g/0.21N]	3.9 [111g/1.07N]	SS	10,000
All Others	0.8 [23a/0.22N]	3.8 [108a/1.04N]	SS	100.000

050-STB255DS3

Mounting Hole Dia.

0.038/0.039

[0.965/0.991]



Ø0.0228 [0.579]

(typ) (max)1

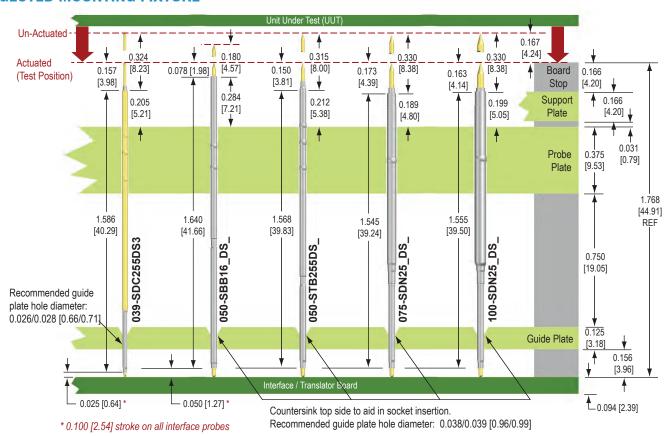
075-SDN25_DS_

Mounting Hole Dia.

0.053/0.055

[1.346/1.397]

SUGGESTED MOUNTING FIXTURE



TOOLS & ACCESSORIES

See pages 75-79 for order information.

Tube	Letter	Material/Finish		
=	N	Nickel silver/no finish		
<u>.</u>	Digits	Press Ring		
Press King	0	Single press ring located at 0.300 [7.62]		
Less	1	Single press ring located at 0.395 [10.03]		
_	4	Single extra long press ring located at 0.300 [7.62]		
Je	Digits	Material/Finish		
IIP Style	0	Spherical. Heat treated BeCu/gold plated over nickel		
Ē	3	Chisel. Heat treated BeCu/gold plated over nickel		

' / '	1. 100	Example. 100-3011230033
Tube	Letter	Material/Finish
	N	Nickel silver/no finish
Press Ring	Digits	Press Ring
	0	Single press ring located at 0.300 [7.62]
	1	Single press ring located at 0.395 [10.03]
	4	Single extra long press ring located at 0.300 [7.62]
Tip Style	Digits	Material/Finish
	0	Spherical. Heat treated BeCu/gold plated over nickel
	3	Chisel. Heat treated BeCu/gold plated over nickel