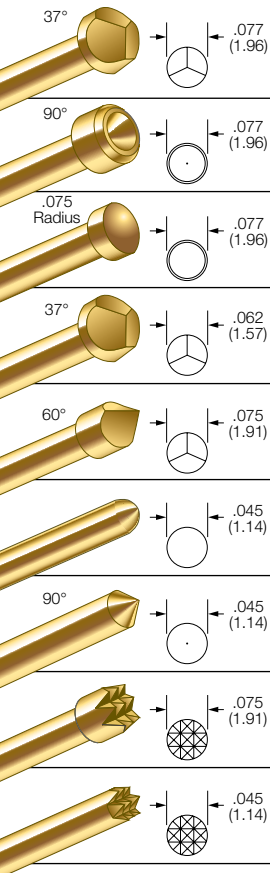


SERIES SS & GSS .100 CENTERS

BeCu PLUNGER TIPS



1

2

3

4

8

10

11

18

19

PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)

Current Rating: 3 amps continuous

Spring Force: 3.8 or 7.0 oz. @ .050 (1.27) travel

Typical Resistance:

SS: < 65 mΩ

GSS: < 30 mΩ

Maximum Travel: .060 (1.52)

*for SS-8 .050 (1.27)

Working Travel: .050 (1.27)

Rated Force oz (g)	Preload oz (g)	Material
3.8 (108)	1.6 (45)	SS
7.0 (198)	1.3 (37)	MW

MATERIALS

Barrel:

SS: Nickel/silver

GSS: Nickel/silver, gold plated

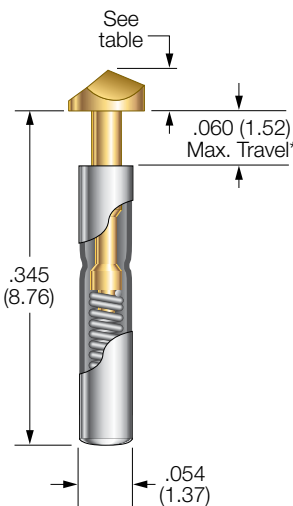
Spring: SS: Stainless steel or music wire

GSS: Stainless steel or music wire, gold plated

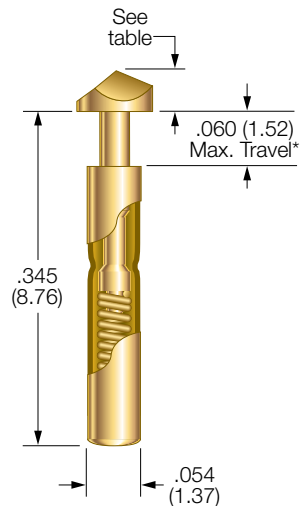
Plunger: Beryllium copper, gold plated over nickel

Receptacle: Nickel/silver

SS-100 PROBE



GSS-100 PROBE



HEAD LENGTH BY TIP STYLE - SS & GSS PROBE

TIP	HEAD LENGTH	TIP	HEAD LENGTH
1	.040 (1.02)	10	.028 (0.71)
2	.028 (0.71)	11	.040 (1.02)
3	.028 (0.71)	18	.060 (1.52)
4	.040 (1.02)	19	.055 (1.40)
8	.080 (2.03)		

RECEPTACLE OPTIONS				
Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RSS-100-CR	Crimp	0.475 (12.07)	0.550 (13.97)*	—
RSS-100-NT	No Tail	0.402 (10.21)	0.462 (11.73)*	—
RSS-100-RP	Round Post	0.625 (15.88)	0.685 (17.40)*	.220 post length - .028 dia.
RSS-100-WW	Wire Wrap	0.822 (20.88)	0.882 (22.40)*	.420 post length - .025 sq.

* Plus head length per tip style from chart

HOW TO ORDER: SPRING CONTACT PROBE

SS

SERIES

1

TIP
STYLE

3.8

SPRING
FORCE

G

PLATING
OPTIONS

SERIES:

SS: NICKEL/SILVER BARREL
GSS: GOLD PLATED BARREL

CRIMPING PLIERS: CPSS100

SPRING FORCE:

3.8 OZ. @ .050 (1.27) TRAVEL
7.0 OZ. @ .050 (1.27) TRAVEL

INSERTION TOOL: RTSS100

RECEPTACLE

RSS

SERIES

100

SIZE

WW

TERMINATION

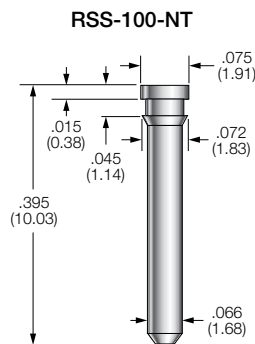
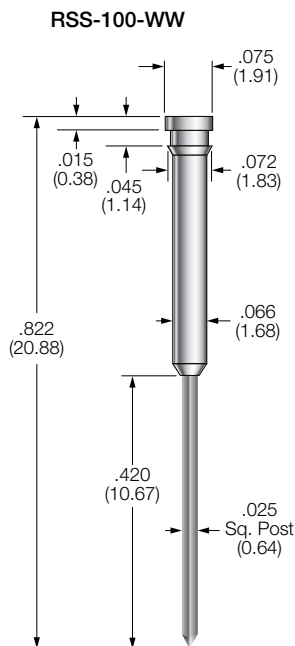
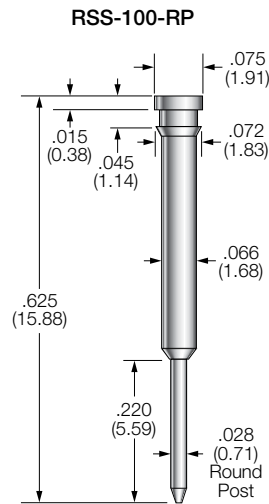
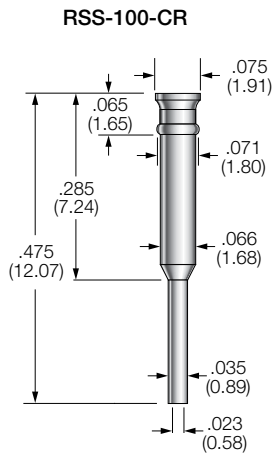
TERMINATIONS:

CR: CRIMP
RP: ROUND POST
NT: NO TAIL
WW: WIRE WRAP

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

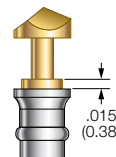
Specifications subject to change without notice. Dimensions in inches (millimeters)

RSS-100 RECEPTACLES

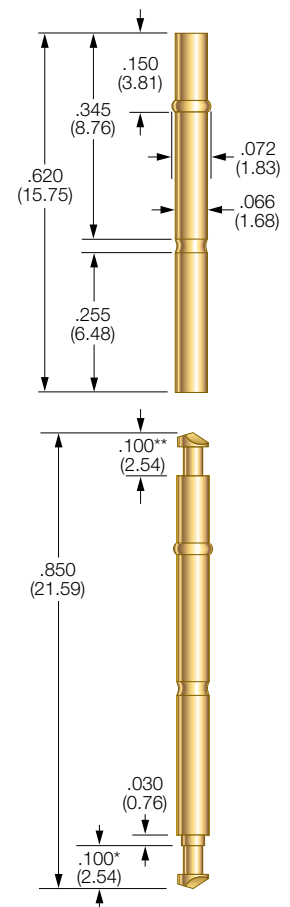


Drill Size: #50
Mounting Hole Size: .068/.070 (1.73/1.78)
Recommended Wire: 28-30 gage

Probe
Extension for
RSS-100-CR



R-SS/SS RECEPTACLE



* For plunger with .040 (1.02) tip length
 ** Headed plunger only this end

RECEPTACLE OPTIONS

Minimum Centers: .100 (2.54)
Drill Size: #50
Mounting Hole Size:
.068/.070 (1.73/1.78)

MATERIALS

Standard Series:
 Nickel/silver

High Performance Series:
 Nickel/silver, gold plated

This receptacle houses an SS100 or GSS100 on each end.

HOW TO ORDER

STANDARD SERIES:
 RS-SS/SS
HIGH PERFORMANCE:
 R-SS/SS

Specifications subject to change without notice. Dimensions in inches (millimeters)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Smiths Interconnect:](#)

[GSS-19-3.8-G S/C W/HOLE SS SPGS .400 OAL](#) [GSS-3-7-G S/C W/HOLE .373 OAL](#) [GSS-4-3.8-G S/C W/HOLE .385 OAL](#) [GSS-10-3.8-G S/C OAL](#) [GSS-10-7-G S/C W/HOLE .373 OAL](#) [GSS-11-3.8-G S/C OAL](#) [GSS-11-7-G S/C OAL](#) [GSS-1-3.8-G S/C W/HOLE .385 OAL](#) [GSS-1-7-G S/C W/HOLE .385 OAL](#) [GSS-18-3.8-G S/C W/HOLE .405 OAL](#) [GSS-18-7-G S/C OAL](#) [GSS-19-7-G S/C OAL](#) [GSS-2-3.8-G S/C OAL](#) [GSS-2-7-G S/C W/HOLE .373 OAL](#) [GSS-4-7-G](#) [GSS-8-3.8-G S/C W/HOLE .415 OAL](#) [GSS-8-7-G S/C W/HOLE .415 OAL](#) [GSS-9-3.8-G S/C W/HOLE .395 OAL](#) [GSS-9-7-G S/C W/HOLE .395 OAL](#) [100165-047-952](#) [100165-038-952](#) [100165-031-952](#) [100165-033-952](#) [100165-045-952](#) [GSS-10-7-G](#) [GSS-2-7-G](#) [GSS-1-3.8-G](#) [GSS-1-7-G](#) [GSS-4-3.8-G](#) [GSS-8-3.8-G](#) [GSS-8-7-G](#)