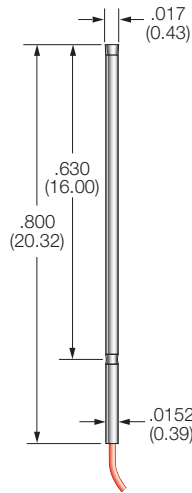




Board Test Probes

QUAD-00 PROBE

Quad-00 Receptacle



Drill Size: #78
Mounting Hole Size: .016 (0.41)
Recommended Wire: 30 gage



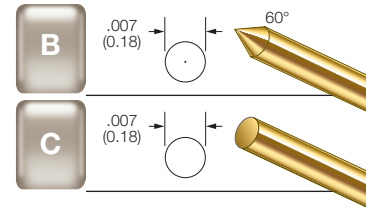
PROBE SPECIFICATIONS

Minimum Centers: .020 (0.51)
Current Rating: 0.3 amps continuous
Spring Force: 0.75 oz. (21g) @ .067 (1.70) travel
Preload Force: 0.23 oz. (6.5g)
Typical Resistance: < 160 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .067 (1.70)

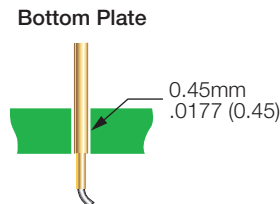
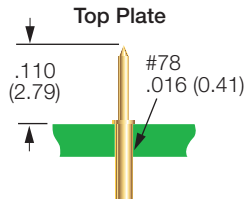
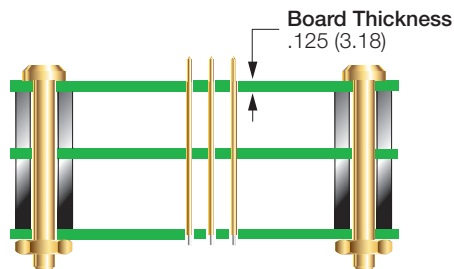
MATERIALS

Barrel: Gold alloy
Spring: Music wire, gold plated
Plunger: Steel, gold plated over nickel
Receptacle: Nickel/silver, gold lined inside

STEEL PLUNGER TIPS



FIXTURING OPTIONS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length
Quad-00-Rec*	Preattached Wire	0.800 (20.32)	0.910 (23.11)

* Unless otherwise specified, wire length 36", strip length 1", 30 gage wire preattached

HOW TO ORDER: SPRING CONTACT PROBE

QUAD-00B

SERIES & TIP
00B: SPEAR POINT
00C: FLAT TIP

RECEPTACLE

QUAD-00REC

SERIES

36

WIRE LENGTH
(IN INCHES)

1

STRIP LENGTH
(IN INCHES)

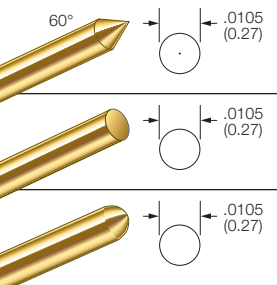
* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE WIRE PREATTACHED. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

Quad 0 .020 - .030 Centers

STEEL PLUNGER TIPS



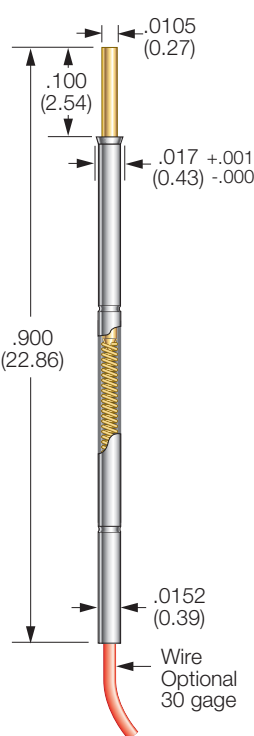
PROBE SPECIFICATIONS

Minimum Centers:
 Without Receptacle: .020 (0.51)
 With Receptacle: .030 (0.76)
Current Rating: 0.5 amps continuous
Spring Force: 0.7 oz. (20g) @ .045 (1.14) travel
Preload Force: 0.4 oz. (11g)
Typical Resistance: < 60 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .045 (1.14)

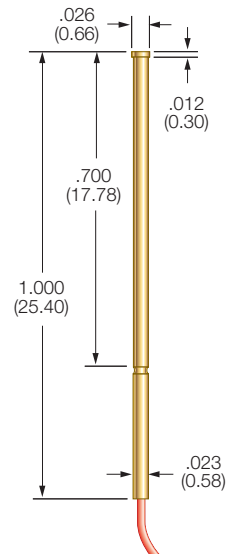
MATERIALS

Barrel: Nickel/silver, gold lined
Spring: Stainless steel, gold plated
Plunger: Steel, gold plated over nickel
Receptacle: Nickel/silver, gold plated

QUAD-0 PROBE



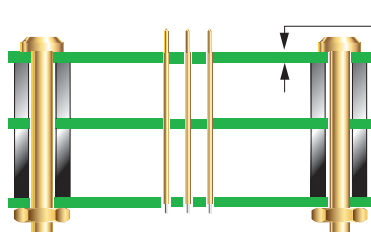
Quad-0 Receptacle



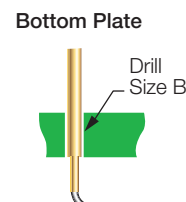
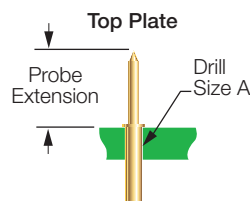
Drill Size: #72
Mounting Hole Size: .024/.025 (0.61/0.64)
Recommended Wire: 26 gage

FIXTURING OPTIONS

Quad 0 Probe	Quad 0 Receptacle
Probe Extension: .110 (2.79)	Probe Extension: .210 (5.33)
Drill Size A - #78: .016 (0.41)	Drill Size A - #72: .025 (0.64)
Drill Size B - 0.45mm: .0177 (0.45)	Drill Size B - 0.70 mm: .0276 (0.70)



Board Thickness
 .125 (3.18)



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length
Quad-0-Rec*	Preattached Wire	1.000 (25.40)	1.200 (30.48)

HOW TO ORDER: SPRING CONTACT PROBE

QUAD-0C SERIES & TIP
36 WIRE LENGTH (IN INCHES)
1 STRIP LENGTH (IN INCHES)

* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE WIRE PREATTACHED. 12" & 36" STANDARD.

RECEPTACLE

QUAD-0 REC SERIES
36 WIRE LENGTH (IN INCHES)
1 STRIP LENGTH (IN INCHES)

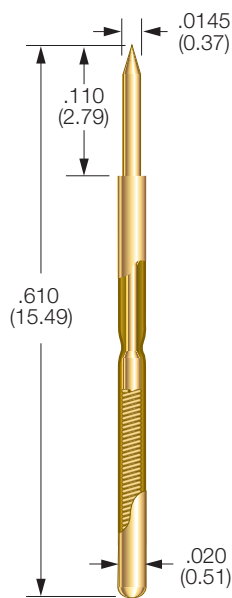
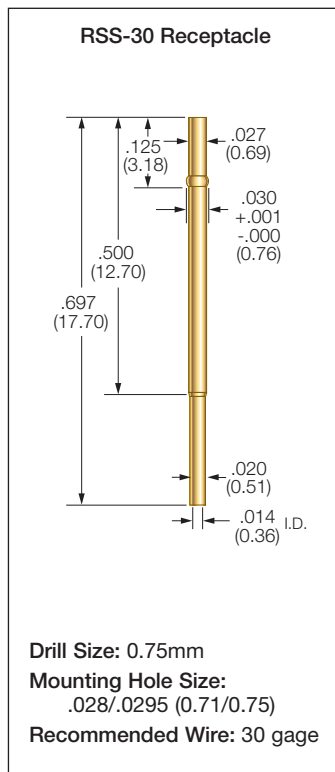
* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 26 GAGE WIRE PREATTACHED. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

.039 Centers - Size 30 Series SS

SS-30 Probe



PROBE SPECIFICATIONS

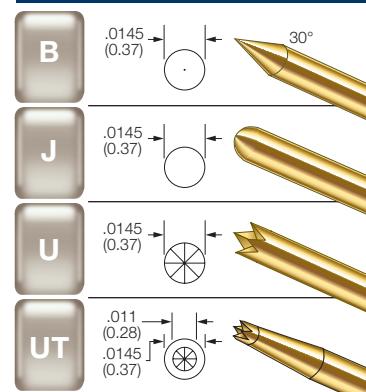
Minimum Centers: .039 (0.99)
Current Rating: 3 amps continuous
Spring Force: 1.3 or 1.6 oz. @ .067 (1.70) travel
Typical Resistance: < 40 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .067 (1.70)

Rated Force oz. (g)	Preload oz. (g)	Material
1.3 (37)	0.5 (14)	SS
1.6 (45)	0.5 (14)	MW

MATERIALS

Barrel: Nickel/silver, preplated gold
Spring: Stainless steel or music wire, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, preplated gold

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-SS-30-CR	Crimp	0.697 (17.70)	0.807 (20.50)	—
R-SS-30-SC	Solder Cup	0.697 (17.70)	0.807 (20.50)	—
R-SS-30-PS	Preattached Wire*	0.697 (17.70)	0.807 (20.50)	30 gage, vacuum sealed

HOW TO ORDER: SPRING CONTACT PROBE

SS

SERIES

30

SIZE

B

TIP
STYLE

1.3

SPRING
FORCE

G

PLATING
OPTIONS

SPRING FORCE:
1.3 oz. @ .067 (1.70) TRAVEL
1.6 oz. @ .067 (1.70) TRAVEL

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS: CPSS30
INSERTION TOOL: RTSS30

RECEPTACLE

R-SS

SERIES

30

SIZE

CR

TERMINATIONS

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
PS: PREATTACHED WIRE*

* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36" WITH A 1" SEMI-STRIP. 12" & 36" STANDARD.

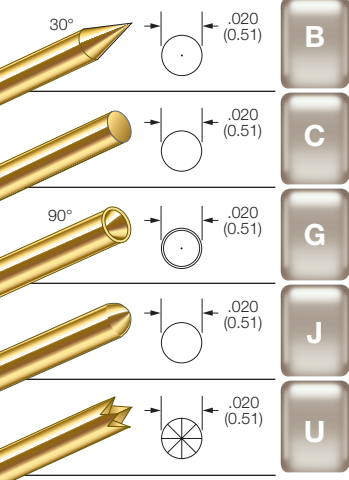
VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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



Series S Size 00 - .039 Centers

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

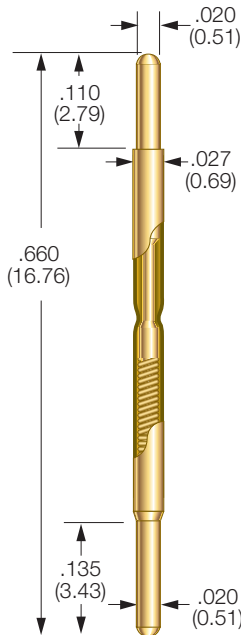
Minimum Centers: .039 (0.99)
Current Rating: 3 amps continuous
Spring Force: 1.3 or 1.6 oz. @ .050 (1.27) travel
Typical Resistance: < 55 mΩ
Maximum Travel: .090 (2.29)
Working Travel: .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
1.3 (37)	0.6 (17)	BeCu
1.6 (45)	0.7 (20)	SS

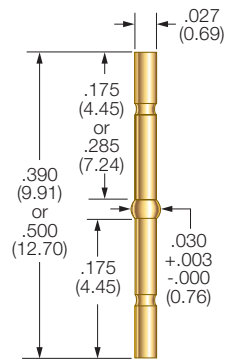
MATERIALS

Barrel: Nickel/silver, preplated gold
Spring: Beryllium copper or stainless steel, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated
Plug-In Terminal: Beryllium copper, preplated gold

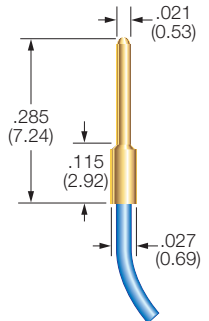
S-00 PROBE



R-00 Receptacles R00-W-390 / R00-W-500



FP-Plug



Drill Size: 0.75mm

Mounting Hole Size:

.028/.0295 (0.71/0.75)

Recommended Wire: 30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle or Terminal Length	Probe/Receptacle Combined Length	Probe/Receptacle/Terminal Combined Length
R-00-W-390	Receptacle	0.390 (9.91)	0.915 (23.24)	1.03 (26.16)
R-00-W-500	Receptacle	0.500 (12.70)	1.025 (26.04)	1.14 (28.96)
FP-Plug	Plug-In Terminal*	0.285 (7.24)	—	—

*To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-Plug-36-1

HOW TO ORDER: SPRING CONTACT PROBE

S	00	J	1.3	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS
SPRING FORCE: 1.3 oz. @ .050 (1.27) TRAVEL 1.6 oz. @ .050 (1.27) TRAVEL				
CRIMPING PLIERS: CP00W-390 CP00W-500 INSERTION TOOL: RT00				
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER				

RECEPTACLE

R	00	W	390
SERIES	SIZE	TERMINATION	LENGTH
TERMINATIONS: W: RECEPTACLE			
LENGTHS: 390 OR 500			

* TO ORDER WITH PREATTACHED WIRE, ADD WIRE LENGTH AND STRIP LENGTH (IN INCHES) TO THE END OF THE PART NUMBER. 12" AND 36" STANDARD.

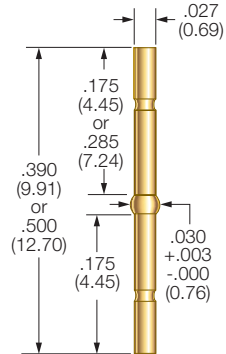
VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

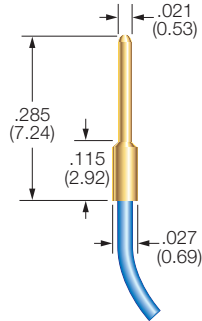
.039 Centers - Size 40 Series SS

SS-40 PROBE

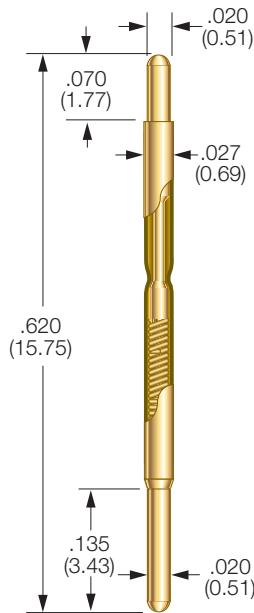
RSS-40 Receptacles RSS-40-W-390 / RSS-40-W-500



FP-Plug



Drill Size: 0.75mm
Mounting Hole Size:
.028/.0295 (0.71/0.75)
Recommended Wire: 30 gage



PROBE SPECIFICATIONS

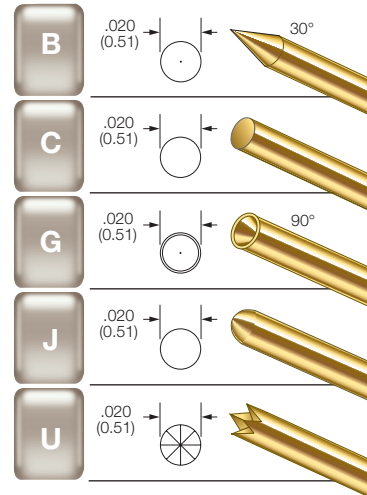
Minimum Centers: .039 (0.99)
Current Rating: 3 amps
continuous
Spring Force: 1.8 or 2.4 oz.
@ .050 (1.27) travel
Typical Resistance: < 55 mΩ
Maximum Travel: .050 (1.27)
Working Travel: .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
1.8 (51)	1.1 (31)	BeCu
2.4 (68)	1.5 (43)	SS

MATERIALS

Barrel: Nickel/silver, preplated
gold
Spring: Beryllium copper or
stainless steel, gold plated
Plunger: Beryllium copper,
gold plated over nickel
or Duralloy™
Receptacle: Nickel/silver,
gold plated
Plug-In Terminal: Beryllium
copper, preplated gold

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle or Terminal Length	Probe/Receptacle Combined Length	Probe/Receptacle/Terminal Combined Length
RSS-40-W-390	Receptacle	0.390 (9.91)	0.875 (22.23)	.990 (25.15)
RSS-40-W-500	Receptacle	0.500 (12.70)	0.985 (25.02)	1.100 (27.94)
FP-Plug	Plug-In Terminal*	0.285 (7.24)	—	—

*To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-Plug-36-1

HOW TO ORDER: SPRING CONTACT PROBE

SS

SERIES

40

SIZE

J

TIP
STYLE

1.8

SPRING
FORCE

G

PLATING
OPTIONS

SPRING FORCE:
1.8 oz. @ .050 (1.27) TRAVEL
2.4 oz. @ .050 (1.27) TRAVEL

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS:
CPSS40W-390
CPSS40W-500
INSERTION TOOL: RTSS40

RECEPTACLE

R-SS

SERIES

40

SIZE

W

TERMINATION

390

LENGTH

TERMINATIONS:
W: RECEPTACLE

LENGTHS:
390 OR 500

* TO ORDER WITH PREATTACHED WIRE, ADD WIRE LENGTH AND
STRIP LENGTH (IN INCHES) TO THE END OF THE PART NUMBER.
FOR EXAMPLE: RSS-40-W-390-36-1. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

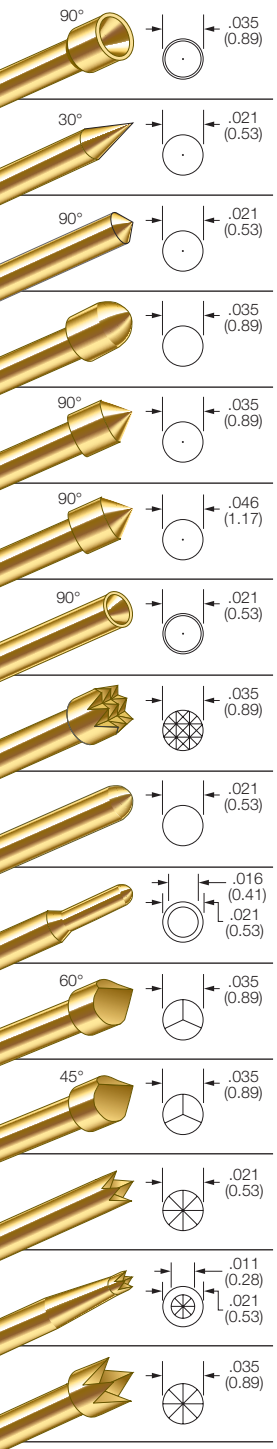
Specifications subject to change without notice. Dimensions in inches (millimeters)



Interconnect Devices, Inc. • Tel: 913-342-5544 • Fax: 913-342-7043 • www.idinet.com

Series S Size 0 - .050 Centers

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

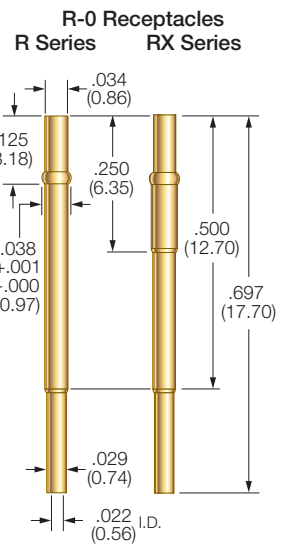
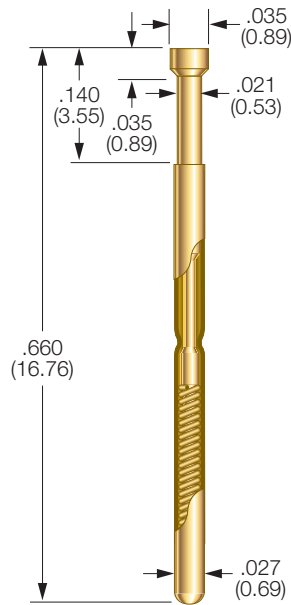
Minimum Centers: .050 (1.27)
Current Rating: 3 amps continuous
Spring Force: 2.2, 2.5 or 3.7 oz. @ .070 (1.78) travel
Typical Resistance: < 35 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .070 (1.78)

Rated Force oz. (g)	Preload oz. (g)	Material
2.2 (62)	0.6 (17)	BeCu
2.5 (71)	0.6 (17)	SS
3.7 (105)	1.9 (54)	MW

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Beryllium copper, music wire or stainless steel, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated, gold plated post
Plug-In Terminal: Beryllium copper, preplated gold

S-0 PROBE



Drill Size: #64
Mounting Hole Size: .035/.0365 (0.89/0.93)
Recommended Wire: 28-30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-0-CR	Crimp	0.697 (17.70)	0.857 (21.77)	—
R-0-SC	Solder Cup	0.697 (17.70)	0.857 (21.77)	—
R-0-WW-016	Wire Wrap	0.947 (24.05)	1.107 (28.12)	.250 post length - .016 sq.
R-0-WW-025	Wire Wrap	0.997 (25.32)	1.157 (29.39)	.300 post length - .025 sq.
R-0-PW	Preattached Wire	0.697 (17.70)	0.857 (21.77)	30 gage - non vacuum sealed*
R-0-DS	Duraseal®	0.697 (17.70)	0.857 (21.77)	30 gage - vacuum sealed*
R-0-WT	Plug-In Receptacle	0.697 (17.70)	0.857 (21.77)	For use with FP-Plug terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-0-WT receptacle*

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

HOW TO ORDER: SPRING CONTACT PROBE

S	0	A	2.2	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS
SERIES: S: STANDARD SX: IMPROVED POINTING ACCURACY		PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER		
SPRING FORCE: 2.2 oz. @ .070 (1.78) TRAVEL 2.5 oz. @ .070 (1.78) TRAVEL 3.7 oz. @ .070 (1.78) TRAVEL		CRIMPING PLIERS: CP0 INSERTION TOOL: RT0 WIRE PLUG TOOL: RTWT		

RECEPTACLE

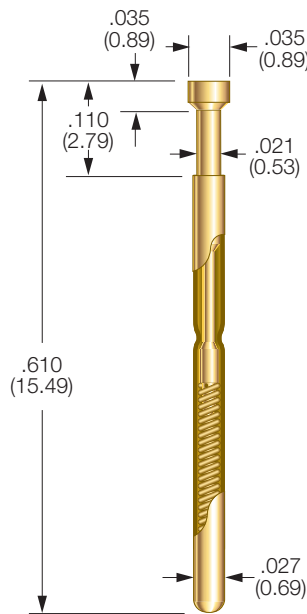
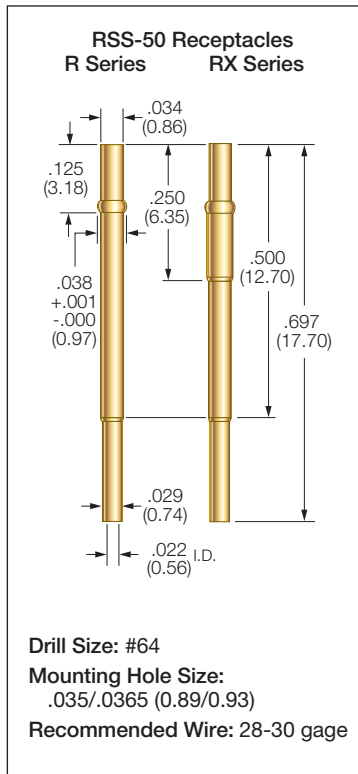
R	0	CR
SERIES	SIZE	TERMINATION
SERIES: R: HIGH PERFORMANCE RX: IMPROVED POINTING ACCURACY		TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW-016: WIRE WRAP .016 sq WW-025: WIRE WRAP .025 sq PW: PREATTACHED WIRE* DS: DURASEAL* WT: PLUG-IN RECEPTACLE**
* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD.		
**FOR USE WITH FP-PLUG TERMINAL. 12" & 36" STANDARD		

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

.050 Centers - Size 50 Series SS

SS-50 PROBE



PROBE SPECIFICATIONS

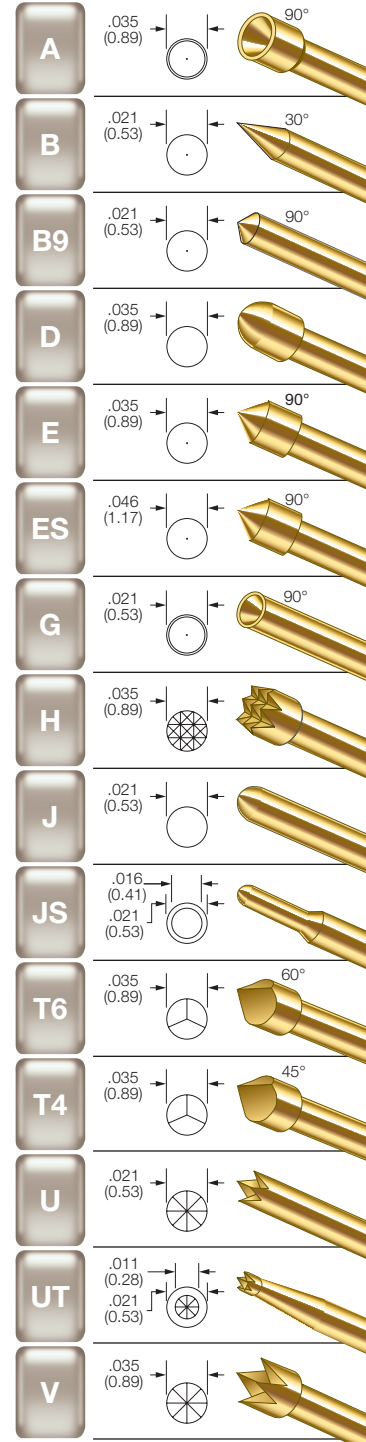
Minimum Centers: .050 (1.27)
Current Rating: 3 amps continuous
Spring Force: 2.9, 3.3 or 5.1 oz. @ .050 (1.27) travel
Typical Resistance: < 35 mΩ
Maximum Travel: .070 (1.78)
Working Travel: .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
2.9 (82)	1.1 (31)	BeCu
3.3 (94)	1.7 (48)	SS
5.1 (145)	1.5 (42)	MW

MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Beryllium copper, stainless steel or music wire, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated, gold plated post
Plug-In Terminal: Beryllium copper, preplated gold

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RSS-50-CR	Crimp	0.697 (17.70)	0.807 (20.50)	—
RSS-50-SC	Solder Cup	0.697 (17.70)	0.807 (20.50)	—
RSS-50-WW-016	Wire Wrap	0.947 (24.05)	1.057 (26.85)	.250 post length - .016 sq.
RSS-50-WW-025	Wire Wrap	0.997 (25.32)	1.107 (28.12)	.300 post length - .025 sq.
RSS-50-PW	Preattached Wire	0.697 (17.70)	.807 (20.50)	30 gage - non vacuum sealed*
RSS-50-DS	Duraseal®	0.697 (17.70)	.807 (20.50)	30 gage - vacuum sealed*
RSS-50-WT	Plug-In Receptacle	0.697 (17.70)	.807 (20.50)	For use with FP-Plug terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-SS-50-WT receptacle*

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

HOW TO ORDER: SPRING CONTACT PROBE

SS	50	A	2.9	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SERIES:
SS: STANDARD
SSX: IMPROVED POINTING ACCURACY

SPRING FORCE:
2.9 oz. @ .050 (1.27) TRAVEL
3.3 oz. @ .050 (1.27) TRAVEL
5.1 oz. @ .050 (1.27) TRAVEL

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS: CPSS50
INSERTION TOOL: RTSS50
WIRE PLUG TOOL: RTWT

RECEPTACLE

RSS	50	CR
SERIES	SIZE	TERMINATION

SERIES:
RSS: HIGH PERFORMANCE
RXSS: IMPROVED POINTING ACCURACY

* UNLESS OTHERWISE SPECIFIED,
WIRE LENGTH 36", STRIP LENGTH
1", 30 GAGE KYNAR. 12" & 36"
STANDARD.

**FOR USE WITH FP-PLUG
TERMINAL. 12" & 36" STANDARD.

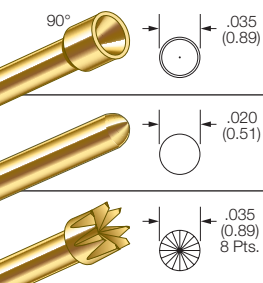
TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
WW-016: WIRE WRAP .016 sq
WW-025: WIRE WRAP .025 sq
PW: PREATTACHED WIRE*
DS: DURASEAL*
WT: PLUG-IN RECEPTACLE**

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

ICT-50C and S-50C Size 50C - .050 Centers

BeCu PLUNGER TIPS

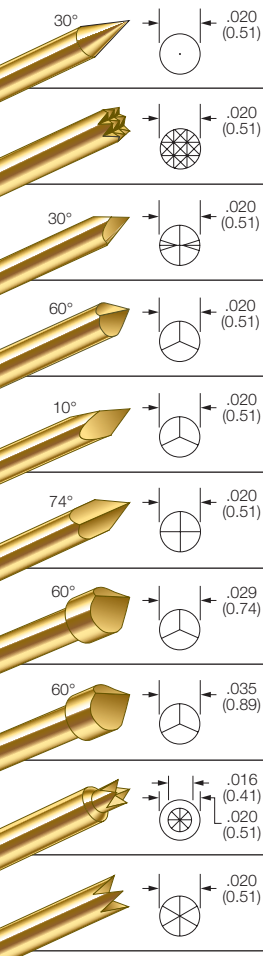


A

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V8

STEEL PLUNGER TIPS



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SW

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PROBE SPECIFICATIONS

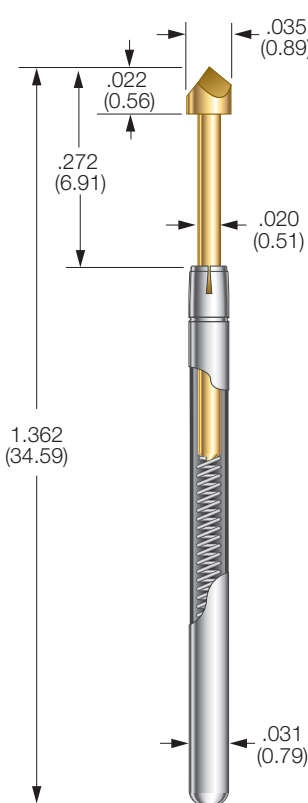
Minimum Centers: .050 (1.27)
Current Rating: 3 amps continuous
Spring Force: 4.3 or 5.6 oz. @ .170 (4.32) travel
Typical Resistance:
 < 20 mΩ for ICT-50C
 < 25 mΩ for S-50C
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)	Material
4.3 (122)	1.9 (54)	SS
5.6 (159)	2.1 (60)	MW

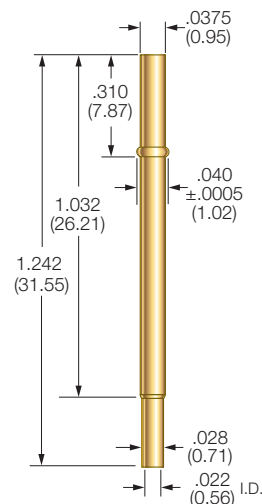
MATERIALS

Barrel: Nickel/silver, gold lined
Spring: Music wire, nickel plated or stainless steel
Plunger: Beryllium copper or steel, gold plated over nickel
Receptacle: Beryllium copper, preplated gold, gold plated post
Terminal: Beryllium copper, preplated gold

ICT-50C/S-50C PROBE



R-50C Receptacle



Drill Size: #61
Mounting Hole Size: .0385/.0390 (0.98/0.99)
Recommended Wire: 28-30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-50C-CR	Crimp	1.242 (31.54)	1.572 (39.92)	—
R-50C-SC	Solder Cup	1.242 (31.54)	1.572 (39.92)	—
R-50C-WW-016	Wire Wrap	1.492 (37.89)	1.822 (46.27)	.250 post length - .016 sq.
R-50C-WW-025	Wire Wrap	1.542 (39.16)	1.872 (47.55)	.300 post length - .025 sq.
R-50C-DS	Duraseal®	1.242 (31.54)	1.572 (39.92)	30 gage wire, vacuum sealed*
R-50C-WT	Plug-In Receptacle	1.242 (31.54)	1.572 (39.92)	For use with FP-Plug plug-in terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-50C-WT receptacle*

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

HOW TO ORDER: SPRING CONTACT PROBE

ICT	50C	T	5.6	DG	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SERIES:
 ICT: HIGH PERFORMANCE
 S: STANDARD PERFORMANCE,
 (NO BIFURCATED BEAM)

CRIMPING PLIERS: CPR50C
INSERTION TOOL: RTR50C

SPRING FORCE:
 4.3 oz. @ .170 (4.32) TRAVEL
 5.6 oz. @ .170 (4.32) TRAVEL

RECEPTACLE

R	50C	CR
SERIES	SIZE	TERMINATION

TERMINATIONS:
 CR: CRIMP
 SC: SOLDER CUP
 WW-016: WIRE WRAP .016 SQ
 WW-025: WIRE WRAP .025 SQ

DS: DURASEAL*
WT: PLUG-IN RECEPTACLE**

* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD.

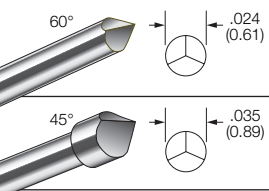
**FOR USE WITH FP-PLUG PLUG-IN TERMINAL. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

S-50C Rotator .050 Centers

BeCu PLUNGER TIPS



S

TL

PROBE SPECIFICATIONS

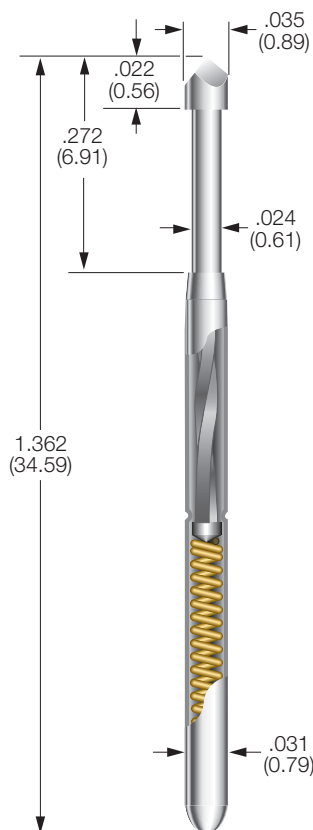
Minimum Centers: .050 (1.27)
Current Rating: 3 amps continuous
Spring Force: 3.7oz. @ .170 (4.32) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)
Rotates: 85° @ .170 (4.32) travel

Rated Force oz. (g)	Preload oz. (g)
3.7 (105)	1.5 (42)

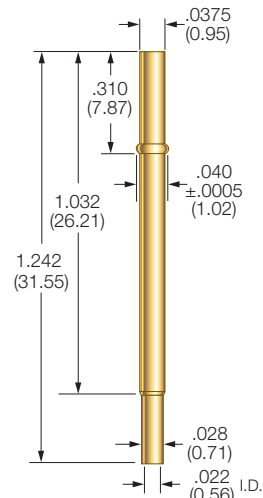
MATERIALS

Barrel: Nickel/silver, gold lined
Spring: Music wire, gold plated
Plunger: Beryllium copper, Duralloy™ plated
Receptacle: Beryllium copper, preplated gold, gold plated post
Plug-In Terminal: Beryllium copper, preplated gold

S-50C ROTATOR



R-50C Receptacle



Drill Size: #61
Mounting Hole Size: .0385/.0390 (0.98/0.99)
Recommended Wire: 28-30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-50C-CR	Crimp	1.242 (31.55)	1.572 (39.93)	—
R-50C-SC	Solder Cup	1.242 (31.55)	1.572 (39.93)	—
R-50C-WW-016	Wire Wrap	1.492 (37.88)	1.822 (46.28)	.250 post length - .016 sq.
R-50C-WW-025	Wire Wrap	1.542 (39.17)	1.872 (47.55)	.300 post length - .025 sq.
R-50C-DS	DuraSeal®	1.242 (31.55)	1.572 (39.93)	30 gage wire, vacuum sealed *
R-50C-WT	Plug-In Receptacle	1.242 (31.55)	1.572 (39.93)	For use with FP-Plug plug-in terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-50C-WT receptacle *

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

HOW TO ORDER: SPRING CONTACT PROBE

S	50C	TL	3.7	RT
SERIES	SIZE	TIP STYLE	SPRING FORCE	ROTATOR
CRIMPING PLIERS: CPR50C INSERTION TOOL: RTR50C				

RECEPTACLE

R	50C	CR
SERIES	SIZE	TERMINATION

TERMINATIONS:

CR: CRIMP
SC: SOLDER CUP
WW-016: WIRE WRAP .016 SQ
WW-025: WIRE WRAP .025 SQ

DS: DURASEAL*

WT: PLUG-IN RECEPTACLE **

* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD.

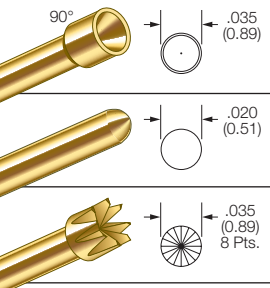
**FOR USE WITH FP-PLUG PLUG-IN TERMINAL. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

ICT-50J and S-50J Size 50J - .050 Centers

BeCu PLUNGER TIPS

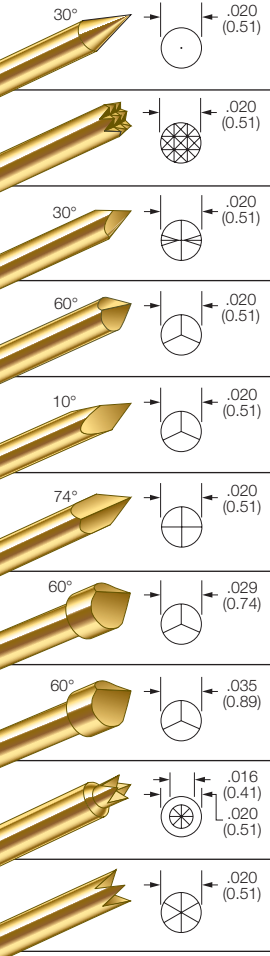


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STEEL PLUNGER TIPS



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PROBE SPECIFICATIONS

Minimum Centers: .050 (1.27)

Current Rating: 3 amps continuous

Spring Force: 4.0, 5.6, 7.0 or 10.0 oz. @ .170 (4.32) travel

Typical Resistance:
< 20 mΩ for ICT-50J
< 25 mΩ for S-50J

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)	Material
4.0 (113)	1.8 (51)	SS
5.6 (159)	2.5 (71)	SS
7.0 (198)	3.1 (88)	MW
10.0 (283)	4.6 (130)	MW

MATERIALS

Barrel: Nickel/silver, gold lined

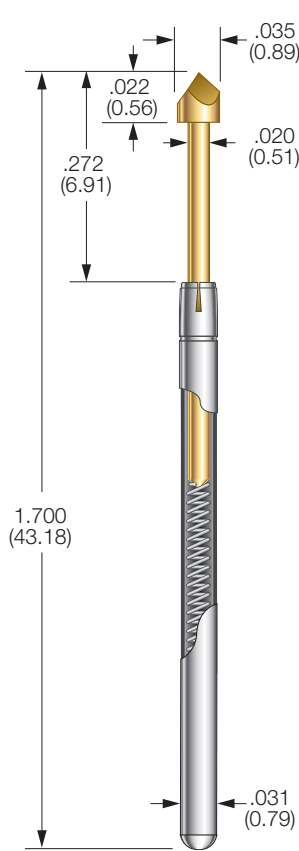
Spring: Music wire, nickel plated or stainless steel

Plunger: Beryllium copper or steel, gold plated over nickel

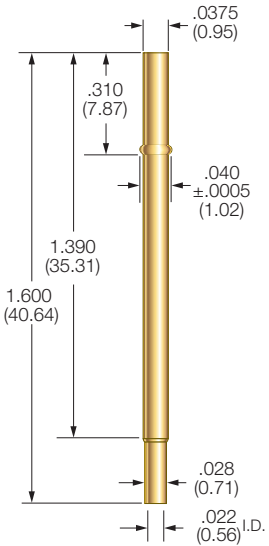
Receptacle: Beryllium copper, preplated gold, gold plated post

Terminal: Beryllium copper, preplated gold

ICT-50J/S-50J PROBE



R-50J Receptacle



Drill Size: #61

Mounting Hole Size:
.0385/.0390 (0.98/0.99)

Recommended Wire: 28-30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-50J-CR	Crimp	1.600 (40.64)	1.910 (48.51)	—
R-50J-SC	Solder Cup	1.600 (40.64)	1.910 (48.51)	—
R-50J-WW-016	Wire Wrap	1.850 (46.99)	2.160 (54.86)	.250 post length - .016 sq.
R-50J-WW-025	Wire Wrap	1.900 (48.26)	2.210 (56.13)	.300 post length - .025 sq.
R-50J-DS	Duraseal®	1.600 (40.64)	1.910 (48.51)	30 gage wire, vacuum sealed*
R-50J-WT	Plug-In Receptacle	1.600 (40.64)	1.910 (48.51)	For use with FP-Plug plug-in terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-50J-WT receptacle *

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar

HOW TO ORDER: SPRING CONTACT PROBE

ICT	50J	T	5.6	DG	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SERIES:
ICT: HIGH PERFORMANCE
S: STANDARD PERFORMANCE,
(No Bifurcated Beam)

CRIMPING PLIERS: CPR50J
INSERTION TOOL: RTR50J

SPRING FORCE:
4.0 oz. @ .170 (4.32) TRAVEL
5.6 oz. @ .170 (4.32) TRAVEL
7.0 oz. @ .170 (4.32) TRAVEL
10.0 oz. @ .170 (4.32) TRAVEL

RECEPTACLE

R	50J	CR
SERIES	SIZE	TERMINATION

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
WW-016: WIRE WRAP .016 sq
WW-025: WIRE WRAP .025 sq

DS: DURASEAL*
WT: PLUG-IN RECEPTACLE**

* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD.

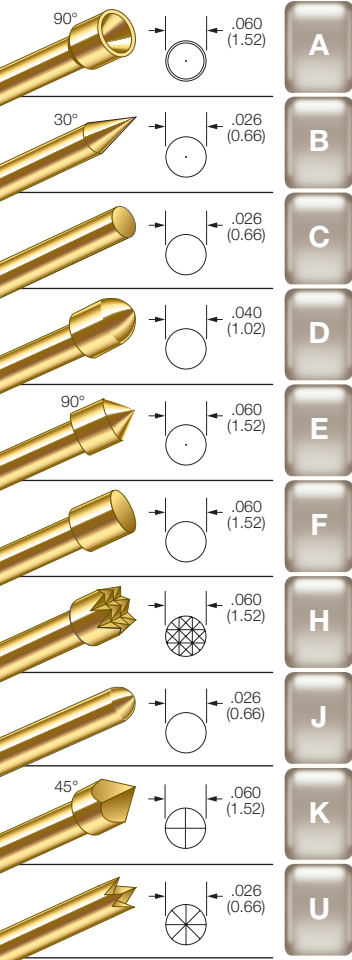
** FOR USE WITH FP-PLUG PLUG-IN TERMINAL. 12" & 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

Series S Size 1 - .075 Centers

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

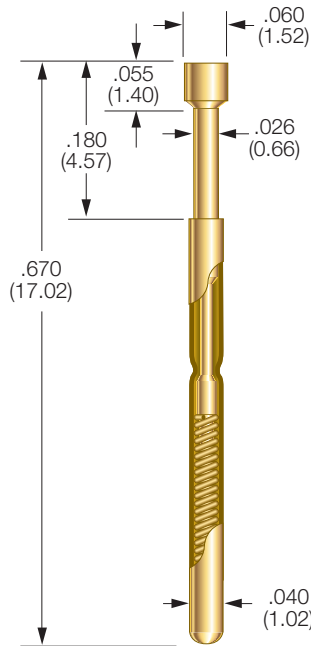
Minimum Centers: .075 (1.91)
Current Rating: 3 amps continuous
Spring Force: 2.0, 3.8 or 6.6 oz. @ .070 (1.78) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .100 (2.54)
Working Travel: .070 (1.78)

Rated Force oz. (g)	Preload oz. (g)	Material
2.0 (57)	0.8 (23)	SS
3.8 (108)	1.5 (43)	SS
6.6 (187)	2.0 (57)	MW

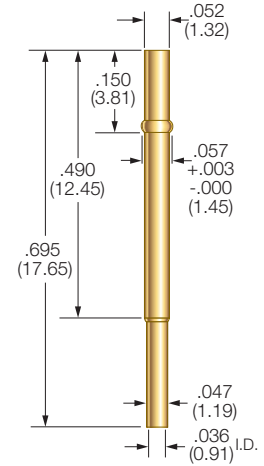
MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel or music wire, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated, gold plated post

S-1 PROBE



R-1 Receptacle



Drill Size: 1.45mm

Mounting Hole Size: .055/.057 (1.40/1.45)

Recommended Wire: 24-28 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-1-CR	Crimp	0.695 (17.65)	0.875 (22.23)	—
R-1-SC	Solder Cup	0.695 (17.65)	0.875 (22.23)	—
R-1-RP	Round Post	1.070 (27.18)	1.250 (31.75)	.375 post length - .025 dia.
R-1-WW-429	Wire Wrap	1.124 (28.55)	1.304 (33.12)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	1	A	3.8	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SERIES:
S: STANDARD
SX: IMPROVED POINTING ACCURACY

SPRING FORCE:
 2.0 oz. @ .070 (1.78) TRAVEL
 3.8 oz. @ .070 (1.78) TRAVEL
 6.6 oz. @ .070 (1.78) TRAVEL

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS: CP1
INSERTION TOOL: RT1

RECEPTACLE

R	1	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
RP: ROUND POST
WW: WIRE WRAP

POST LENGTH:
WW: 429

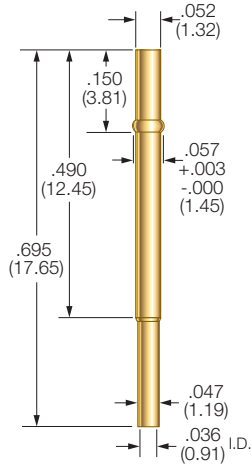
VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

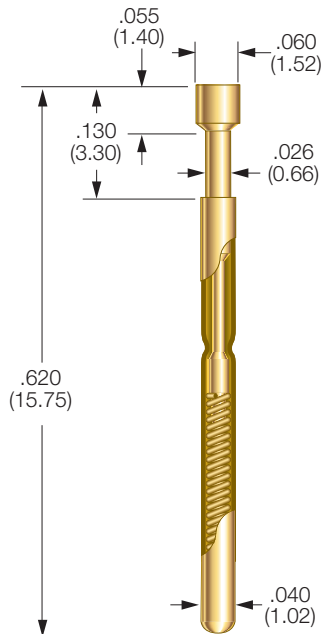
.075 Centers - Size 75 Series SS

SS-75 PROBE

RSS-75 Receptacle



Drill Size: 1.45mm
Mounting Hole Size:
.055/.057 (1.40/1.45)
Recommended Wire: 24-28 gage



PROBE SPECIFICATIONS

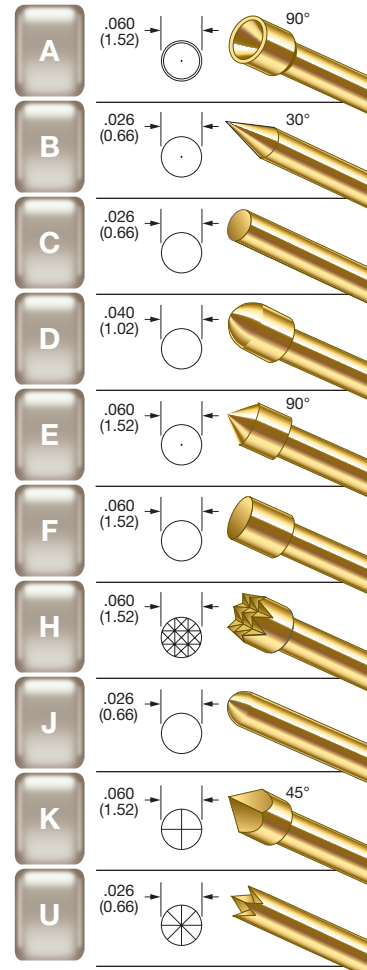
Minimum Centers: .075 (1.91)
Current Rating: 3 amps
continuous
Spring Force: 2.4 or 4.9 oz.
@ .050 (1.27) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .050 (1.27)
Working Travel: .050 (1.27)

Rated Force oz. (g)	Preload oz. (g)	Material
2.4 (68)	1.7 (48)	SS
4.9 (139)	3.1 (88)	SS

MATERIALS

Barrel: Nickel/silver, gold
plated
Spring: Stainless steel, gold
plated
Plunger: Beryllium copper,
gold plated over nickel
or Duralloy™
Receptacle: Nickel/silver, gold
plated, gold plated post

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RSS-75-CR	Crimp	0.695 (17.65)	0.825 (20.96)	—
RSS-75-SC	Solder Cup	0.695 (17.65)	0.825 (20.96)	—
RSS-75-RP	Round Post	1.070 (27.18)	1.200 (30.48)	.375 post length - .025 dia.
RSS-75-WW-429	Wire Wrap	1.124 (28.55)	1.254 (31.85)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

SS	75	A	2.4	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SERIES:
SS: STANDARD
SSX: IMPROVED POINTING
ACCURACY

SPRING FORCE:
2.4 oz. @ .050 (1.27) TRAVEL
4.9 oz. @ .050 (1.27) TRAVEL

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

CRIMPING PLIERS: CPSS75
INSERTION TOOL: RTSS75

RECEPTACLE

RSS	75	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
WW: WIRE WRAP
RP: ROUND POST

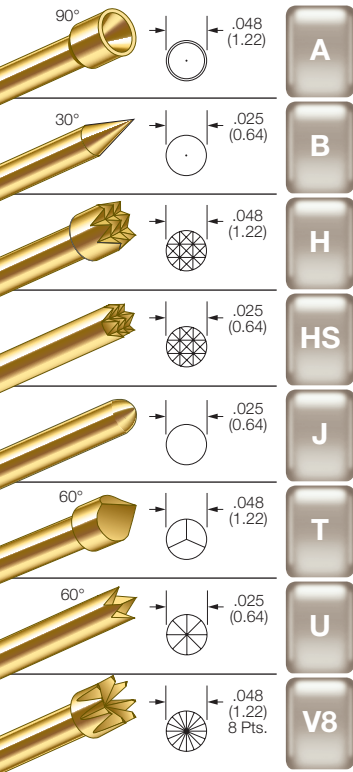
POST LENGTH:
WW: 429

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

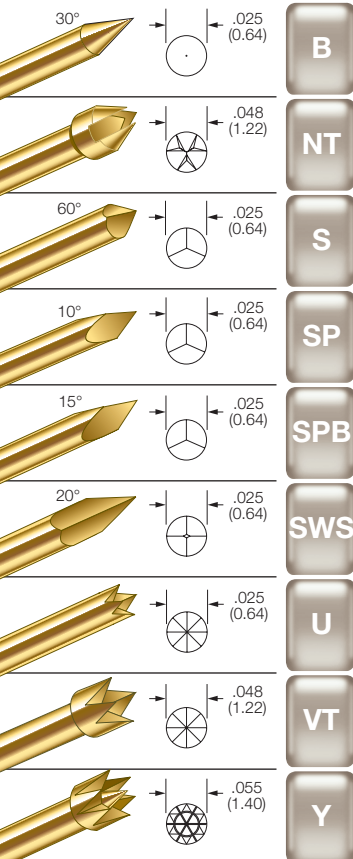
Specifications subject to change without notice. Dimensions in inches (millimeters)

ICT-075 and S-075 Size 075 - .075 Centers

BeCu PLUNGER TIPS



STEEL PLUNGER TIPS



PROBE SPECIFICATIONS

Minimum Centers: .075 (1.91)
Current Rating: 3 amps continuous
Spring Force: 3.0, 5.0, 7.0 or 10.0 oz. @ .170 (4.32) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

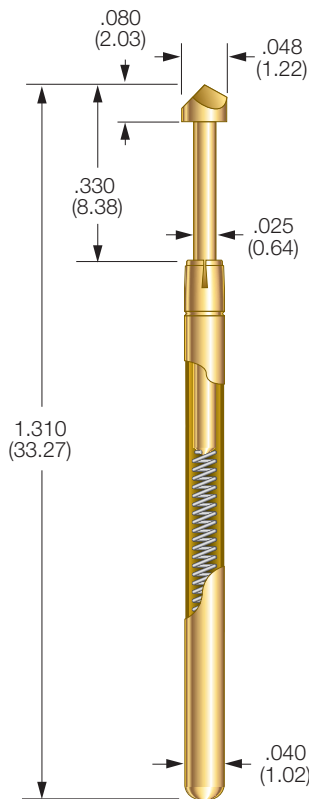
Rated Force oz. (g)	Preload oz. (g)
3.0* (85)	1.2 (34)
5.0 (142)	2.0 (57)
7.0 (198)	2.9 (82)
10.0 (283)	3.3 (94)

*3.0 oz., S-075 only

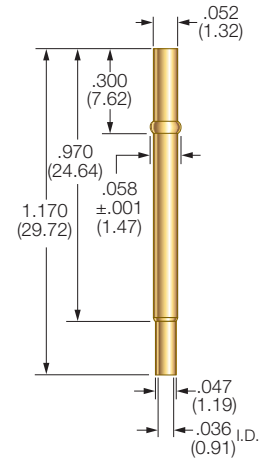
MATERIALS

Barrel: G2
Spring: Music wire, nickel plated
Plunger: Beryllium copper or steel, gold plated over nickel
Receptacle: Nickel/silver, gold plated; gold plated post

ICT-075 PROBE



R-075 Receptacle



Drill Size: 1.45mm
Mounting Hole Size: .055/.057 (1.40/1.45)
Recommended Wire: 24-28 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-075-CR	Crimp	1.170 (29.72)	1.500 (38.10)	—
R-075-SC	Solder Cup	1.170 (29.72)	1.500 (38.10)	—
R-075-RP	Round Post	1.545 (39.24)	1.875 (47.63)	.375 post length - .025 dia.
R-075-WW-429	Wire Wrap	1.599 (40.61)	1.929 (49.00)	.429 post length - .025 sq.
R-075-WW-694	Wire Wrap	1.864 (47.35)	2.194 (55.73)	.694 post length - .025 sq.
R-075-WW-1.044	Wire Wrap	2.214 (56.24)	2.544 (64.62)	1.044 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

ICT	075	T	5.0	G	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SERIES:
ICT: HIGH PERFORMANCE
S: STANDARD PERFORMANCE, (NO BIFURCATED BEAM)
CRIMPING PLIERS: CPR075
INSERTION TOOL: RTR075

SPRING FORCE:
 3.0 oz. @ .170 (4.32) TRAVEL*
 5.0 oz. @ .170 (4.32) TRAVEL
 7.0 oz. @ .170 (4.32) TRAVEL
 10.0 oz. @ .170 (4.32) TRAVEL

*S-075 SERIES ONLY

RECEPTACLE

R	075	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
RP: ROUND POST
WW: WIRE WRAP

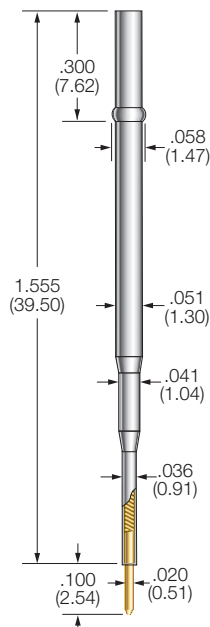
POST LENGTH:
WW: 429, 694 OR 1.044

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

WIRELESS RECEPTACLE

R-075-J-DE



PROBE SPECIFICATIONS

Minimum Centers: .075 (1.91)

Drill Size: 1.45mm

Mounting Hole Size:
.055/.057 (1.40/1.45)

Spring Force: 2.7 oz. (77g) @
.070 (1.77) travel

Maximum Travel: .100 (2.54)

Working Travel: .070 (1.77)

MATERIALS

Receptacle: Nickel/silver,
gold lined inside

Spring: Music wire, gold plated

Plunger: Beryllium copper,
gold plated over nickel

HOW TO ORDER

R

SERIES

075

SIZE

J

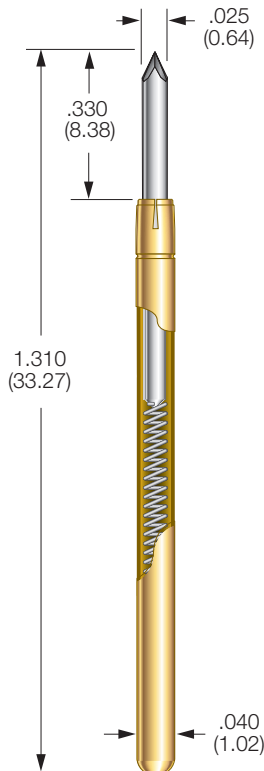
TIP
STYLE

DE

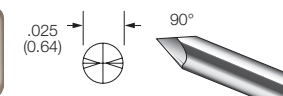
PLATING
OPTION

LEAD FREE TEST PROBE

ICT-075-LF PROBE



STEEL PLUNGER TIP



PROBE SPECIFICATIONS

Minimum Centers: .075 (1.91)

Current Rating: 3 amps continuous

Spring Force: 7.0 oz. @ .170
(4.32) travel

Typical Resistance: < 40 mΩ
against a lead free surface

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

MATERIALS

Barrel: G2

Spring: Music wire, nickel plated

Plunger: Steel, Duralloy™ plated

HOW TO ORDER

ICT

SERIES

075

SIZE

LF

TIP
STYLE

7

SPRING
FORCE

D

PLATING
OPTIONS

S

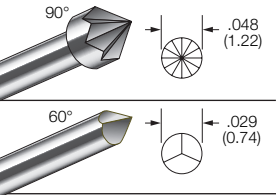
STEEL
PLUNGER

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



S-075 ROTATOR .075 CENTERS

BeCu PLUNGER TIPS



LM

S

PROBE SPECIFICATIONS

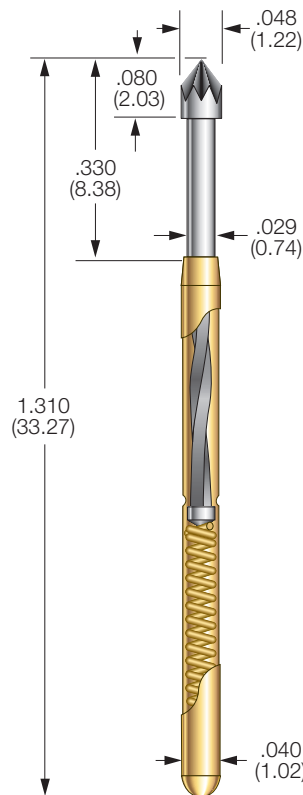
Minimum Centers: .075 (1.91)
 Current Rating: 3 amps continuous
 Spring Force: 3.8 or 6.6 oz.
 @ .170 (4.32) travel
 Typical Resistance: < 25 mΩ
 Maximum Travel: .225 (5.72)
 Working Travel: .170 (4.32)
 Rotates: 90° @ .170 (4.32) travel

Rated Force oz (g)	Preload oz (g)
3.8 (108)	0.5 (14)
6.6 (187)	1.6 (45)

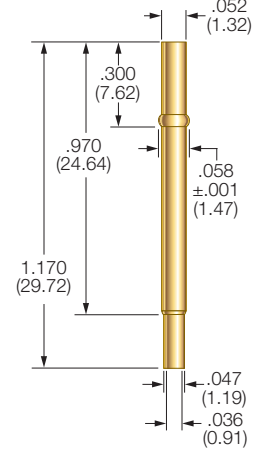
MATERIALS

Barrel: G2
 Spring: Music wire, gold plated
 Plunger: Beryllium copper, Duralloy™ plated
 Receptacle: Nickel/silver, gold plated; gold plated post

S-075-ROTATOR



R-075 Receptacle



Drill Size: 1.45mm

Mounting Hole Size:
 .055/.057 (1.40/1.45)

Recommended Wire: 24-28 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-075-CR	Crimp	1.170 (29.72)	1.500 (38.10)	—
R-075-SC	Solder Cup	1.170 (29.72)	1.500 (38.10)	—
R-075-RP	Round Post	1.545 (39.24)	1.875 (47.63)	.375 post length - .025 dia.
R-075-WW-429	Wire Wrap	1.599 (40.61)	1.929 (49.00)	.429 post length - .025 sq.
R-075-WW-694	Wire Wrap	1.864 (47.35)	2.194 (55.73)	.694 post length - .025 sq.
R-075-WW-1.044	Wire Wrap	2.214 (56.24)	2.544 (64.62)	1.044 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	075	LM	3.8	RT
SERIES	SIZE	TIP STYLE	SPRING FORCE	ROTATOR
SPRING FORCE: 3.8 oz. @ .170 (4.32) TRAVEL 6.6 oz @ .170 (4.32) TRAVEL CRIMPING PLIERS: CPR075 INSERTION TOOL: RTR075				

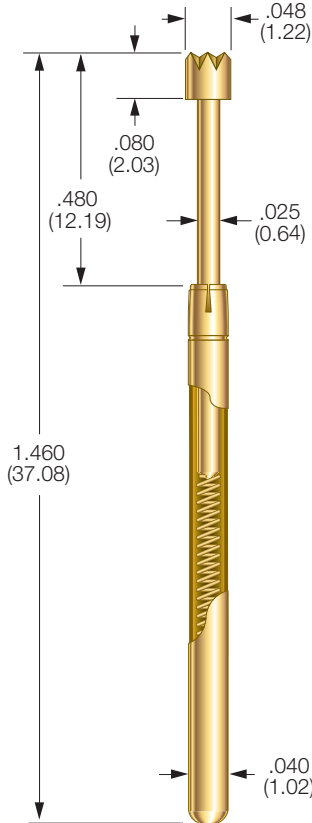
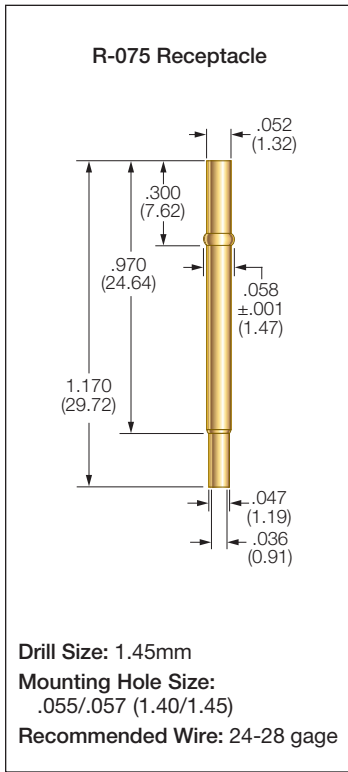
RECEPTACLE

R	075	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH
TERMINATIONS: CR: CRIMP SC: SOLDER CUP RP: ROUND POST WW: WIRE WRAP POST LENGTH: WW: 429, 694 OR 1.044			

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

ICT-L075 PROBE



PROBE SPECIFICATIONS

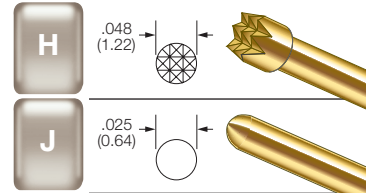
Minimum Centers: .075 (1.91)
Current Rating: 3 amps continuous
Spring Force: 4.3 oz. @ .317 (8.05) travel
Typical Resistance: < 15 mΩ
Maximum Travel: .400 (10.16)
Working Travel: .317 (8.05)

Rated Force oz (g)	Preload oz (g)
4.3 (122)	1.8 (51)

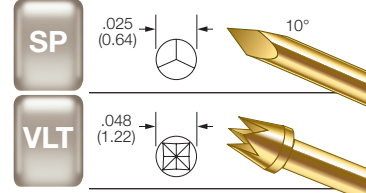
MATERIALS

Barrel: G2
Spring: Music wire, gold plated
Plunger: Beryllium copper or steel, gold plated over nickel
Receptacle: Nickel/silver, gold plated; gold plated post

BeCu PLUNGER TIPS



STEEL PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-075-CR	Crimp	1.170 (29.72)	1.650 (41.91)	—
R-075-SC	Solder Cup	1.170 (29.72)	1.650 (41.91)	—
R-075-RP	Round Post	1.545 (39.24)	2.025 (51.44)	.375 post length - .025 dia.
R-075-WW-429	Wire Wrap	1.599 (40.61)	2.079 (52.81)	.429 post length - .025 sq.
R-075-WW-694	Wire Wrap	1.864 (47.35)	2.344 (59.54)	.694 post length - .025 sq.
R-075-WW-1.044	Wire Wrap	2.214 (56.24)	2.694 (68.43)	1.044 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

ICT	L075	H	4.3	G	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SPRING FORCE:
4.3 oz. @ .317 (8.05) TRAVEL

CRIMPING PLIERS: CPR075
INSERTION TOOL: RTR075

RECEPTACLE

R	075	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

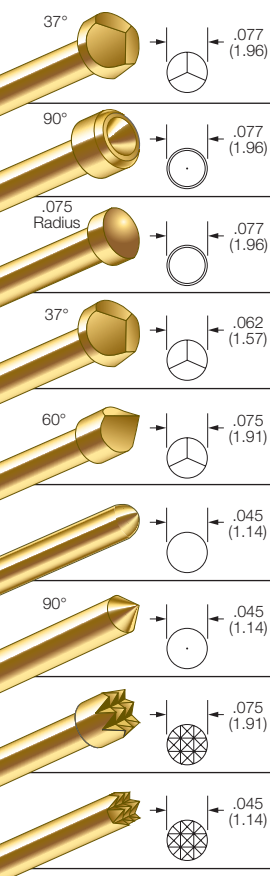
TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
WW: WIRE WRAP
RP: ROUND POST
POST LENGTH:
WW: 429, 694 OR 1.044

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

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

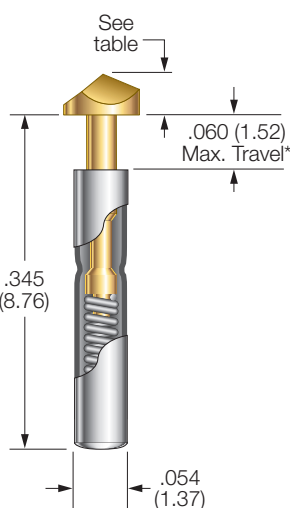
Spring: SS: Stainless steel or music wire

GSS: Stainless steel or music wire, gold plated

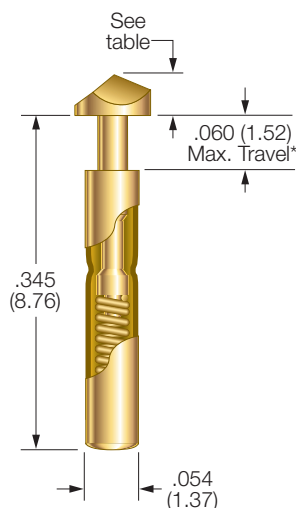
Plunger: Beryllium copper, gold plated over nickel

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

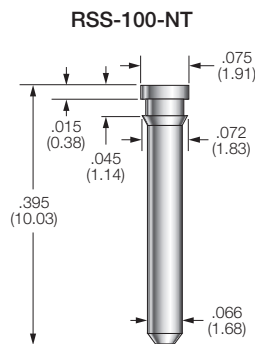
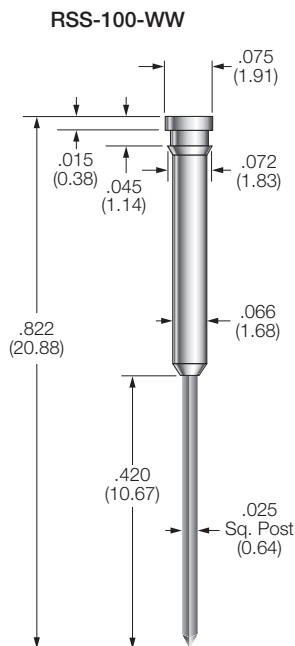
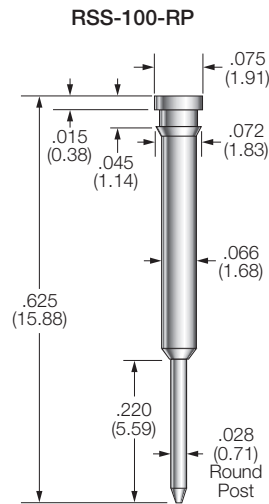
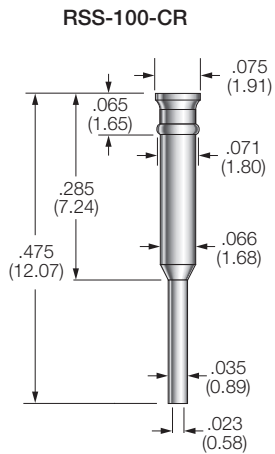
TERMINATIONS:

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

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

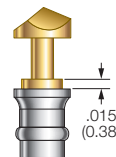
Specifications subject to change without notice. Dimensions in inches (millimeters)

RSS-100 RECEPTACLES

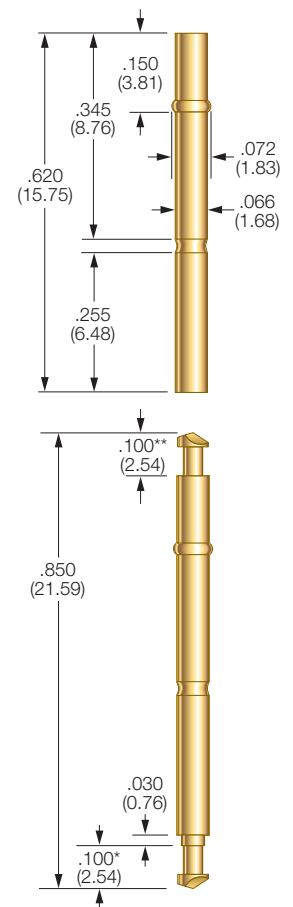


Drill Size: #50
Mounting Hole Size: .068/.070 (1.73/1.78)
Recommended Wire: 28-30 gage

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

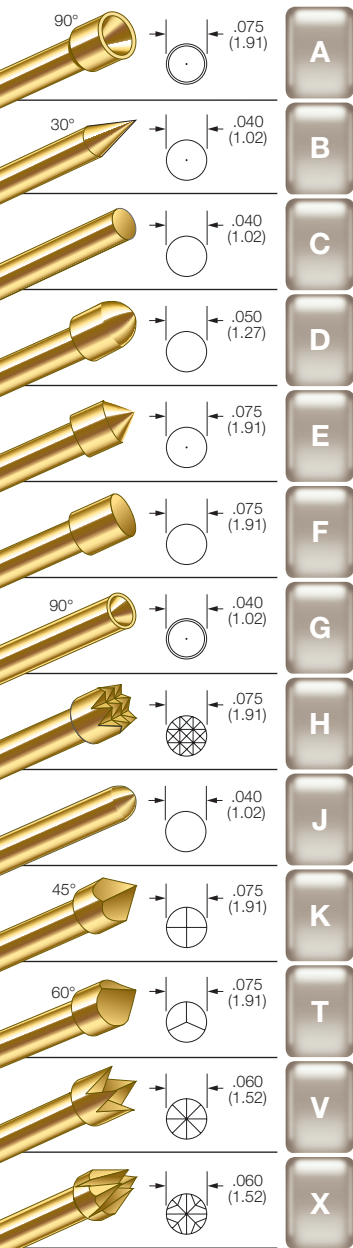
STANDARD SERIES:
 RS-SS/SS
HIGH PERFORMANCE:
 R-SS/SS

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

Series S

SIZE 2 .100 CENTERS

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

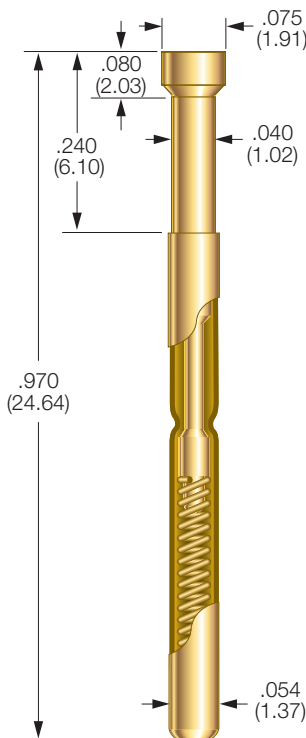
Minimum Centers: .100 (2.54)
Current Rating: 3 amps continuous
Spring Force: 4.0, 7.0, 8.3 or 10.0 oz. @ .100 (2.54) travel
Typical Resistance: < 35 mΩ
Maximum Travel: .160 (4.06)
Working Travel: .100 (2.54)

Rated Force oz (g)	Preload oz (g)	Material
4.0 (113)	1.6 (45)	BeCu
7.0 (198)	2.9 (82)	SS
8.3 (235)	3.3 (93)	MW
10.0 (283)	3.9 (110)	MW

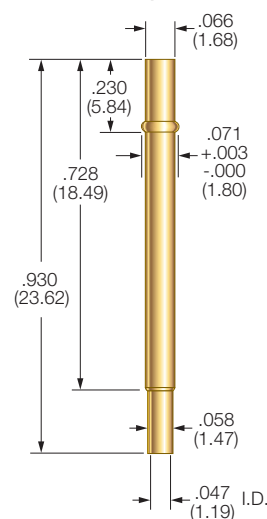
MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Beryllium copper, precious metal plated, music wire or stainless steel, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated; gold plated post

S-2 PROBE



R-2 Receptacle



Drill Size: #50
Mounting Hole Size: .068/.070 (1.73/1.78)
Recommended Wire: 22-26 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-2-CR	Crimp	0.930 (23.62)	1.170 (29.72)	—
R-2-SC	Solder Cup	0.930 (23.62)	1.170 (29.72)	—
R-2-RP	Round Post	1.305 (31.15)	1.545 (39.24)	.375 post length - .025 dia.
R-2-WW-429	Wire Wrap	1.359 (34.52)	1.599 (40.61)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	2	A	4	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS
SPRING FORCE: 4.0 oz. @ .100 (2.54) TRAVEL 7.0 oz. @ .100 (2.54) TRAVEL 8.3 oz. @ .100 (2.54) TRAVEL 10.0 oz. @ .100 (2.54) TRAVEL SERIES: S: STANDARD SX: IMPROVED POINTING ACCURACY				
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER CRIMPING PLIERS: CP2 INSERTION TOOL: RT2				

RECEPTACLE

R	2	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH
TERMINATIONS: CR: CRIMP SC: SOLDER CUP RP: ROUND POST WW: WIRE WRAP POST LENGTH: WW: 429			

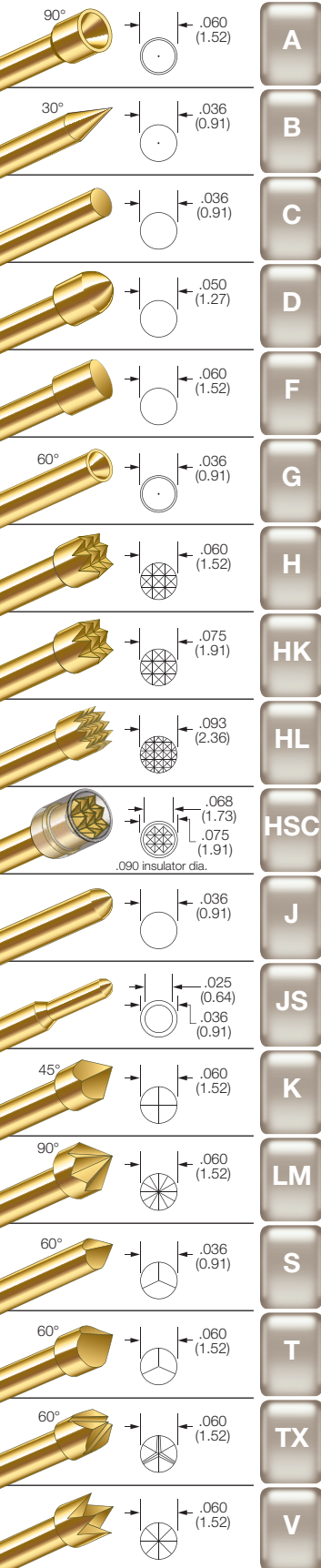
VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

ICT-100 and S-100

SIZE 100 .100 CENTERS

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)
Current Rating: 3 amps continuous
Spring Force: 3.5, 5.5, 6.7, 8.0, 10.0 or 17.0 oz. @.170 (4.32) travel
Typical Resistance: < 8 mΩ
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

Rated Force oz (g)	Preload oz (g)	Material
3.5 (99)	1.5 (43)	BeCu*
5.5 (156)	2.4 (68)	MW**
6.7 (190)	2.8 (80)	SS
8.0 (227)	3.3 (94)	MW**
10.0 (283)	3.7 (105)	MW
17.0 (483)	6.8 (193)	MW

* 3.5 oz spring S-100 only ** BeCu for S Series

MATERIALS

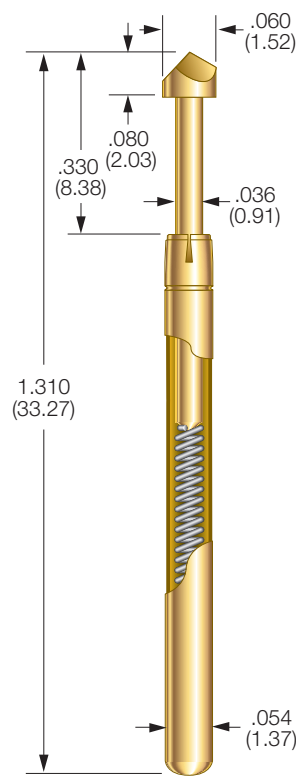
Barrel: G2

Spring: Beryllium copper, music wire, nickel plated or stainless steel

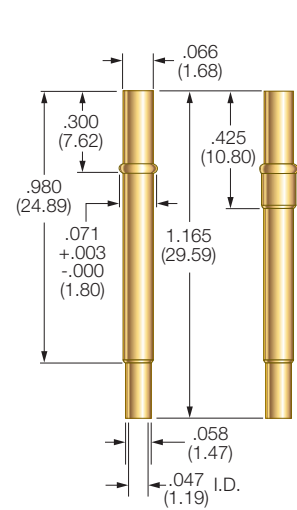
Plunger: Beryllium copper or steel, gold plated over nickel

Receptacle: Nickel/silver, gold plated; gold plated post

ICT-100 PROBE



R-100 Receptacle



Drill Size: #50

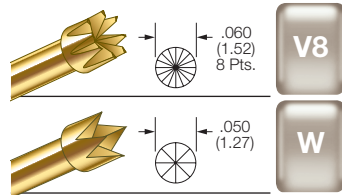
Mounting Hole Size: .068/.070 (1.73/1.78)

Recommended Wire: 22-26 gage

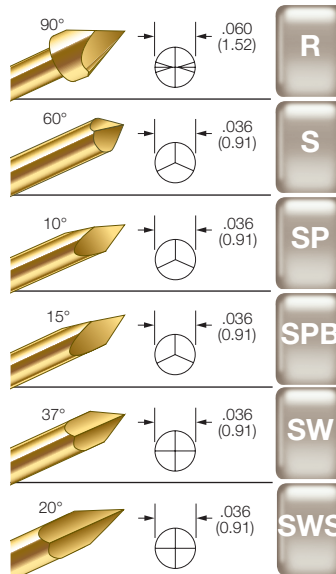
RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.189 (55.60)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.539 (64.49)	1.044 post length - .025 sq.

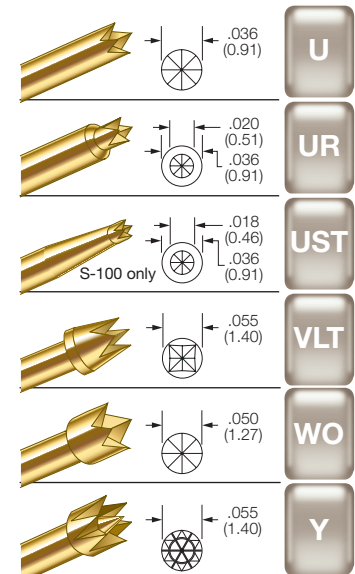
BeCu PLUNGER TIPS



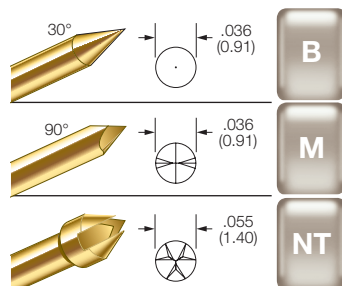
STEEL PLUNGER TIPS



STEEL PLUNGER TIPS

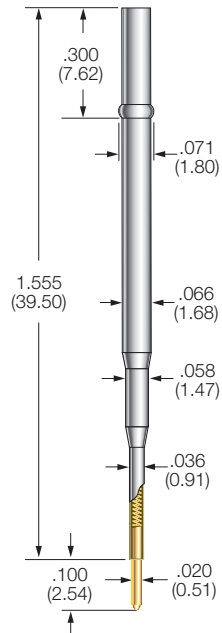


STEEL PLUNGER TIPS



WIRELESS RECEPTACLE

R-100-J-DE



PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)
Drill Size: #50
Mounting Hole Size: .068/.070 (1.73/1.78)
Spring Force: 2.7 oz. (77g) @ .070 (1.77) travel
Maximum Travel: .100 (2.54)
Working Travel: .070 (1.77)

MATERIALS

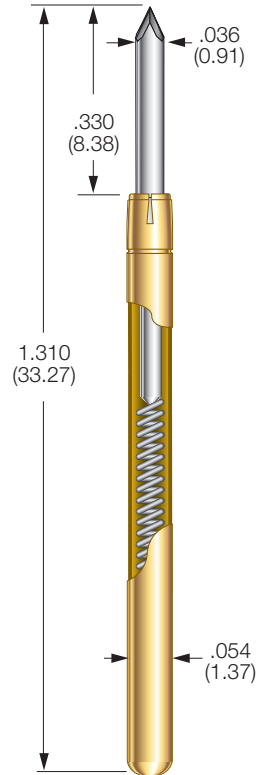
Receptacle: Nickel/silver, gold lined inside
Spring: Music wire, gold plated
Plunger: Beryllium copper, gold plated over nickel

HOW TO ORDER

R	100	J	DE
SERIES	SIZE	TIP STYLE	TERMINATION

LEAD FREE TEST PROBE

ICT-100-LF PROBE



PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)
Current Rating: 3 amps continuous
Spring Force: 8.0 oz. @ .170 (4.32) travel
Typical Resistance: < 30 mΩ against a lead free surface
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

MATERIALS

Barrel: G2
Spring: Music wire, nickel plated
Plunger: Steel, Duralloy™ plated

HOW TO ORDER

ICT	100	LF	8	D	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

HOW TO ORDER: SPRING CONTACT PROBE

ICT	100	T	5.5	G	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SERIES:
ICT: HIGH PERFORMANCE
S: STANDARD PERFORMANCE (No BIFURCATED BEAM)

CRIMPING PLIERS: CPR100
INSERTION TOOL: RTR100

SPRING FORCE:
 3.5 oz. @ .170 (4.32) TRAVEL*
 5.5 oz. @ .170 (4.32) TRAVEL
 6.7 oz. @ .170 (4.32) TRAVEL
 8.0 oz. @ .170 (4.32) TRAVEL
 10.0 oz. @ .170 (4.32) TRAVEL
 17.0 oz. @ .170 (4.32) TRAVEL
 *S-100 SERIES ONLY

RECEPTACLE

R	100	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

SERIES:
R: HIGH PERFORMANCE
RX: IMPROVED POINTING ACCURACY

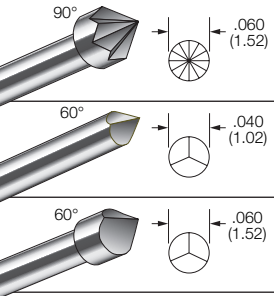
TERMINATION:
CR: CRIMP
SC: SOLDER CUP
RP: ROUND POST
WW: WIRE WRAP
POST LENGTH:
WW: 429, 694 OR 1.044

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

S-100 Rotator .100 CENTERS

BeCu PLUNGER TIPS



LM

S

T

PROBE SPECIFICATIONS

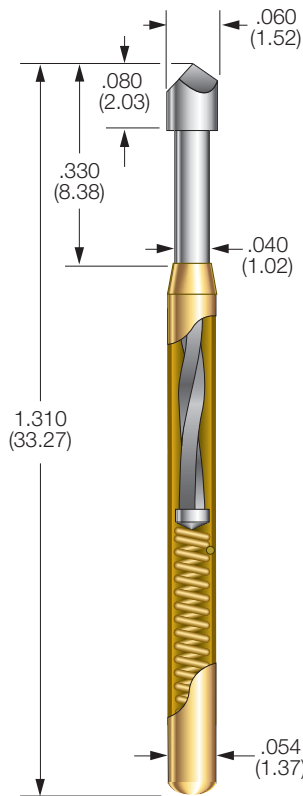
Minimum Centers: .100 (2.54)
Current Rating: 3 amps continuous
Spring Force: 4.0, 5.5, 6.7, 8.0 or 10.0 oz. @ .170 (4.32) travel
Typical Resistance: < 50 mΩ
Maximum Travel: .220 (5.59)
Working Travel: .170 (4.32)
Rotates: 90° @ .170 (4.32) travel

Rated Force oz (g)	Preload oz (g)	Material
4.0 (113)	1.5 (43)	SS
5.5 (156)	2.0 (57)	SS
6.7 (190)	1.5 (43)	SS
8.0 (227)	2.8 (80)	MW
10.0 (283)	1.8 (51)	MW

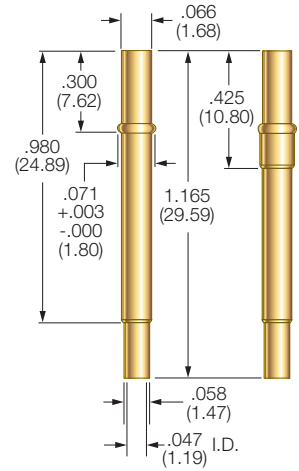
MATERIALS

Contact Barrel: G2
Spring: Music wire or stainless steel, gold plated
Plunger: Beryllium copper, Duralloy™ plated
Receptacle: Nickel/silver, gold plated; gold plated post

S-100 ROTATOR



R-100 Receptacle R Series RX Series



Drill Size: #50
Mounting Hole Size: .068/.070 (1.73/1.78)
Recommended Wire: 22-26 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.189 (55.60)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.539 (64.49)	1.044 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	100	T	4	RT
SERIES	SIZE	TIP STYLE	SPRING FORCE	ROTATOR

SPRING FORCE:
 4.0 oz. @ .170 (4.32) TRAVEL
 5.5 oz. @ .170 (4.32) TRAVEL
 6.7 oz. @ .170 (4.32) TRAVEL
 8.0 oz. @ .170 (4.32) TRAVEL
 10.0 oz. @ .170 (4.32) TRAVEL

CRIMPING PLIERS: CPR100
 INSERTION TOOL: RTR100

RECEPTACLE

R	100	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

SERIES:
R: HIGH PERFORMANCE
RX: IMPROVED POINTING ACCURACY

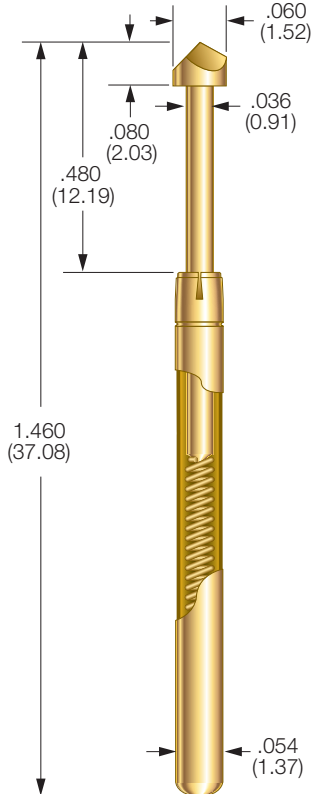
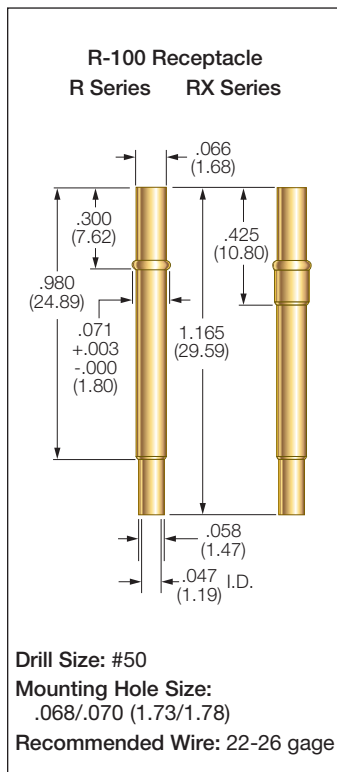
TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
RP: ROUND POST
WW: WIRE WRAP

POST LENGTH:
WW: 429, 694 or 1.044

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

ICT-L100 PROBE



PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)

Current Rating: 3 amps
continuousSpring Force: 5.7 oz. @.317
(8.05) travel

Typical Resistance: < 10 mΩ

Maximum Travel:

VLT tip: .385 (9.78)

All others: .400 (10.16)

Working Travel: .317 (8.05)

Rated Force

oz (g)

5.7 (162)

Preload

oz (g)

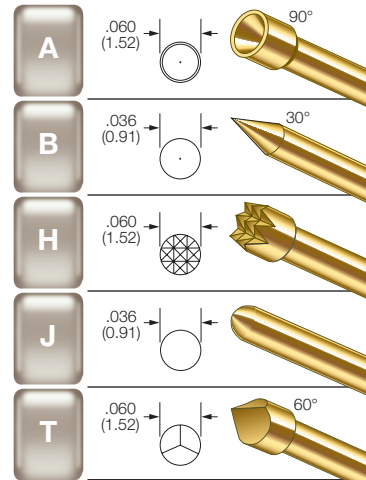
1.8 (51)

MATERIALS

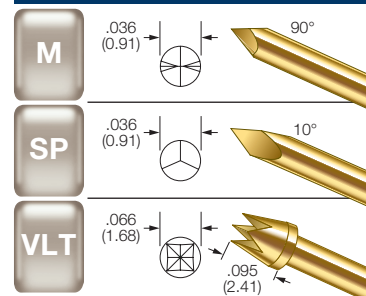
Barrel: G2

Spring: Music wire, gold
plated over nickelPlunger: Beryllium copper
or steel, gold plated over
nickelReceptacle: Nickel/silver, gold
plated; gold plated post

BeCu PLUNGER TIPS



STEEL PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.645 (41.78)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.645 (41.78)	—
R-100-RP	Round Post	1.540 (39.12)	2.020 (51.31)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	2.074 (52.68)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.339 (59.41)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.689 (68.30)	1.044 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

RECEPTACLE

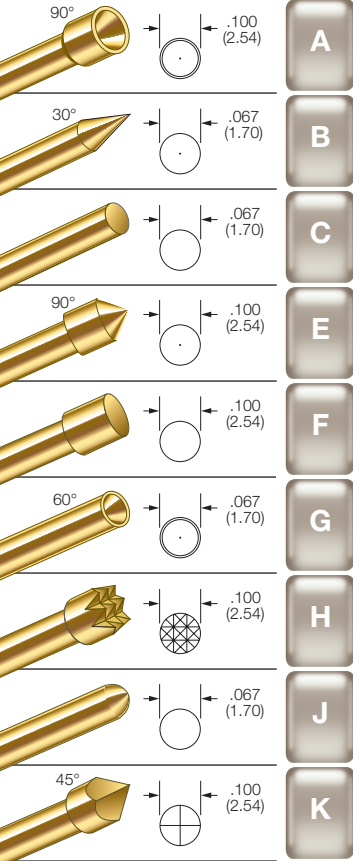
ICT	L100	T	5.7	G	S	R	100	WW	429
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION	SERIES	SIZE	TERMINATION	POST LENGTH
			SPRING FORCE: 5.7 oz. @ .317 (8.05) travel			SERIES: R: HIGH PERFORMANCE RX: IMPROVED POINTING ACCURACY, HIGH PERFORMANCE		TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW: WIRE WRAP RP: ROUND POST	
				CRIMPING PLIERS: CPR100 INSERTION TOOL: RTR100				POST LENGTH: WW: 429, 694 or 1.044	

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

Series S SIZE 3 .125 CENTERS

STEEL PLUNGER TIPS



PROBE SPECIFICATIONS

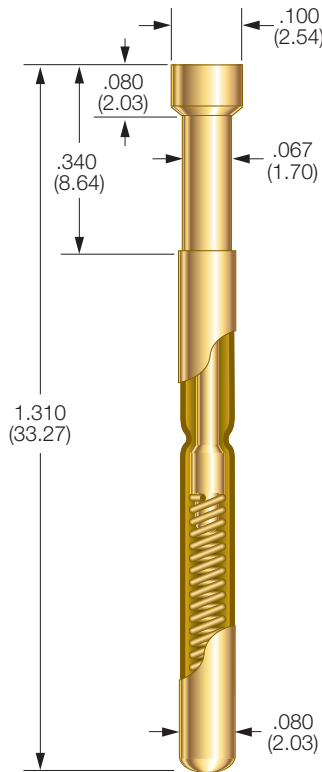
Minimum Centers: .125 (3.18)
Current Rating: 5 amps continuous
Spring Force: 4.0 or 7.0 oz. @ .170 (4.32) travel
Typical Resistance: < 20 mΩ
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

Rated Force oz (g)	Preload oz (g)
4.0 (113)	1.8 (51)
7.0 (198)	2.9 (82)

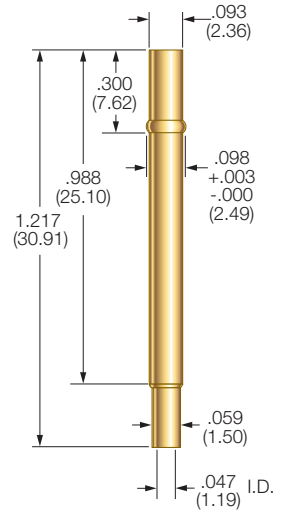
MATERIALS

Barrel: Nickel/silver, gold plated
Spring: Stainless steel, gold plated
Plunger: Beryllium copper, gold plated over nickel or Duralloy™
Receptacle: Nickel/silver, gold plated, gold plated post

S-3 PROBE



R-3 Receptacle



Drill Size: #41
Mounting Hole Size: .094/.096 (2.39/2.44)
Recommended Wire: 22-26 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-3-CR	Crimp	1.217 (30.91)	1.539 (39.09)	—
R-3-SC	Solder Cup	1.217 (30.91)	1.539 (39.09)	—
R-3-WW-429	Wire Wrap	1.646 (41.81)	1.968 (49.99)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	3	A	4	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS
SPRING FORCE: 4.0 oz. @ .170 (4.32) TRAVEL 7.0 oz. @ .170 (4.32) TRAVEL				
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER				
CRIMPING PLIERS: CP3 INSERTION TOOL: RT3				

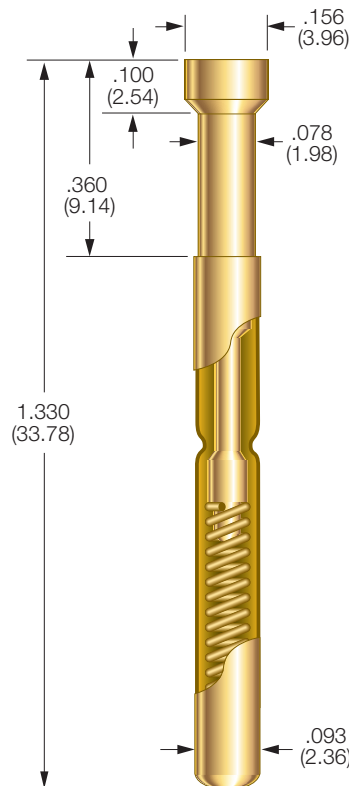
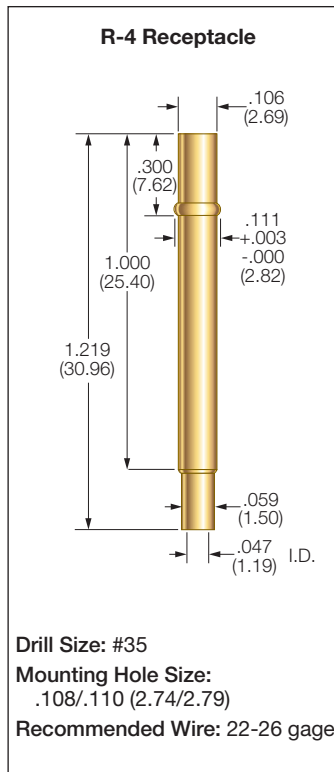
RECEPTACLE

R	3	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH
TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW: WIRE WRAP			
POST LENGTH: WW: 429			

VIEW UPDATES OF THIS INFORMATION AT WWW.IDINET.COM

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

S-4 PROBE



PROBE SPECIFICATIONS

Minimum Centers:

Tip Styles B, C, D, G, J, K
.156 (3.96)

Tip Styles A, E, F, H
.187 (4.75)

Current Rating: 5 amps
continuous

Spring Force: 5.0 or 7.0 oz.
@ .170 (4.32) travel

Typical Resistance: < 20 mΩ

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

Rated Force oz (g)	Preload oz (g)
5.0 (142)	2.0 (57)
7.0 (198)	2.8 (79)

MATERIALS

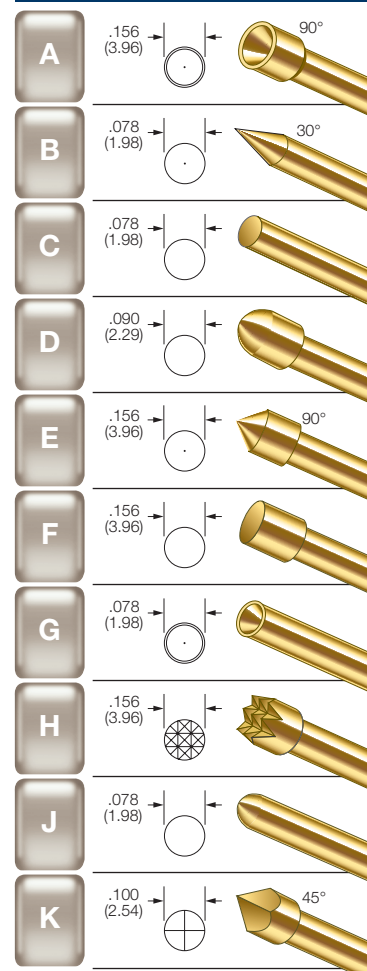
Barrel: Nickel/silver, gold
plated

Spring: Stainless steel, gold
plated

Plunger: Beryllium copper,
gold plated over nickel
or Duralloy™

Receptacle: Nickel/silver, gold
plated, gold plated post

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length*	Comments
R-4-CR	Crimp	1.219 (30.96)	1.549 (39.34)	—
R-4-SC	Solder Cup	1.219 (30.96)	1.549 (39.34)	—
R-4-WW-429	Wire Wrap	1.648 (41.86)	1.978 (50.24)	.429 post length - .025 sq.

* Headless probes sit .020" deeper in receptacle. Dimension shown is for headed probe.

HOW TO ORDER: SPRING CONTACT PROBE

RECEPTACLE

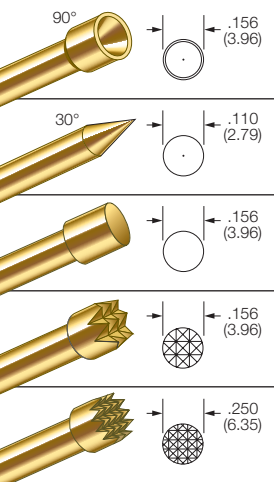
S	4	A	5	G	R	4	WW	429
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	SERIES	SIZE	TERMINATION	POST LENGTH
SPRING FORCE: 5.0 oz. @ .170 (4.32) TRAVEL 7.0 oz. @ .170 (4.32) TRAVEL					TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW: WIRE WRAP			
CRIMPING PLIERS: CP4 INSERTION TOOL: RT4					POST LENGTH: WW: 429			
PLATING OPTIONS: G: GOLD PLATED PLUNGER D: DURALLOY™ PLATED PLUNGER								

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

Series S SIZE 5 .187 CENTERS

BeCu PLUNGER TIPS



PROBE SPECIFICATIONS

Minimum Centers: .187 (4.75)
.275 (6.99) for HLF tip style

Current Rating: 5 amps
continuous

Spring Force: 8.0, or 16.4 oz.
@ .170 (4.32) travel

Typical Resistance: < 8 mΩ

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

Rated Force oz (g)	Preload oz (g)	Material
8.0 (227)	3.1 (88)	SS
16.4 (465)	2.8 (79)	MW

MATERIALS

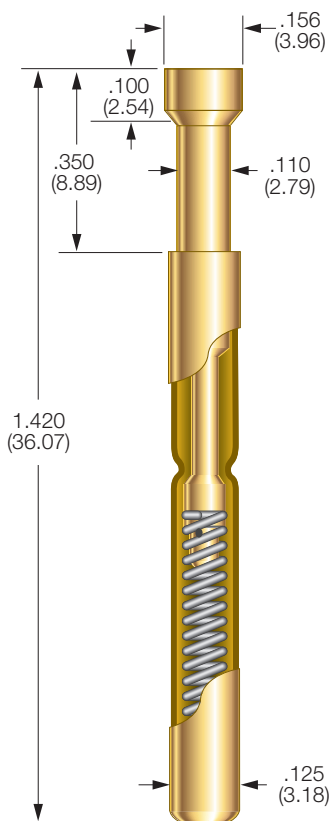
Barrel: Nickel/silver, gold plated

Spring: Music wire or stainless steel

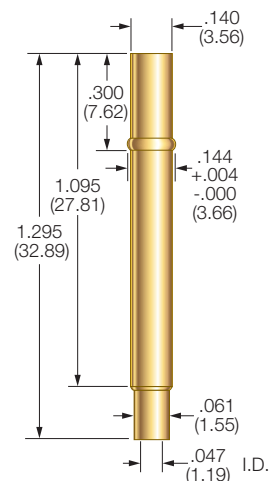
Plunger: Beryllium copper, gold plated over nickel or Duralloy™

Receptacle: Nickel/silver, gold plated, gold plated post

S-5 PROBE



R-5 Receptacle



Drill Size: 3,60mm

Mounting Hole Size:
.141/.143 (3.58/3.63)

Recommended Wire: 22-26 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-5-CR	Crimp	1.295 (32.89)	1.620 (41.15)	—
R-5-SC	Solder Cup	1.295 (32.89)	1.620 (41.15)	—
R-5-WW-429	Wire Wrap	1.724 (43.79)	2.049 (52.04)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

S	5	A	16.4	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SPRING FORCE:
8.0 oz. @ .170 (4.32) TRAVEL
16.4 oz. @ .170 (4.32) TRAVEL

CRIMPING PLIERS: CP5
INSERTION TOOL: RT5

PLATING OPTIONS:
G: GOLD PLATED PLUNGER
D: DURALLOY™ PLATED PLUNGER

RECEPTACLE

R	5	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH

TERMINATIONS:
CR: CRIMP
SC: SOLDER CUP
WW: WIRE WRAP

POST LENGTH:
WW: 429

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