

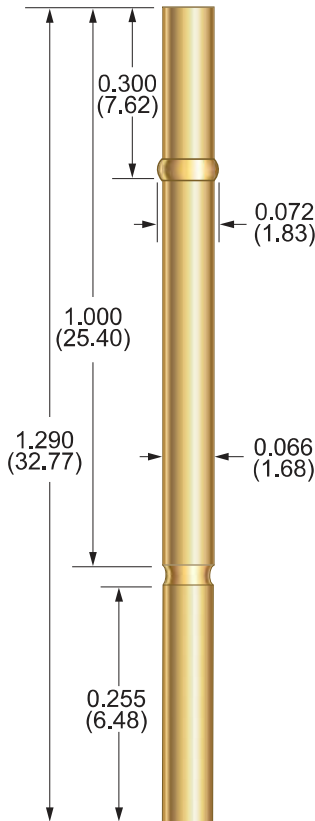
► **R-100/SS SERIES**

0.100 (2.54) Centers

For ICT-L100 Series Probes see pg. 18 (for top end of receptacle)

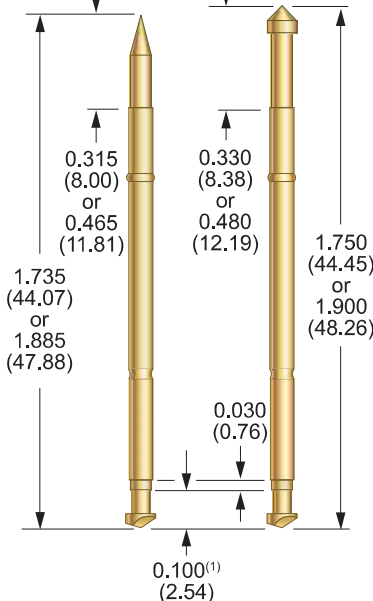
For SS/GSS Series Probes see pg. 19 (for bottom end of receptacle)

For ICT-100/S-100 Series Probes see pg. 21 (for top end of receptacle)



HEADLESS PLUNGER

HEADED PLUNGER



PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Materials	Nickel/silver, gold plated

TOOLS

Insertion Tool	RT-100
-----------------------	--------

HOW TO ORDER

R - 100 / SS	
1	
1 ► SERIES	R - 100 / SS

1. For plunger with 0.040 (1.02) tip length

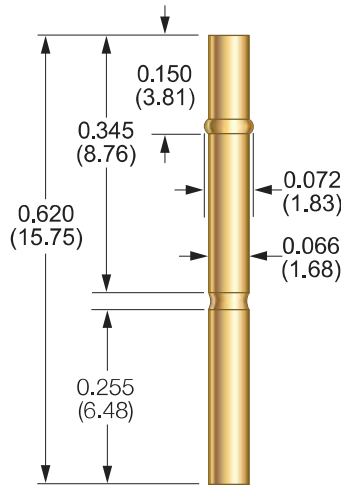
2. Headed plunger only this end

Dimensions are in inches (mm) | All specifications are subject to change

▶ R-SS/SS SERIES

0.100 (2.54) Centers

For SS/GSS Series Probes see pg. 19
(Receptacle houses an SS-100 or GSS-100 on each end)



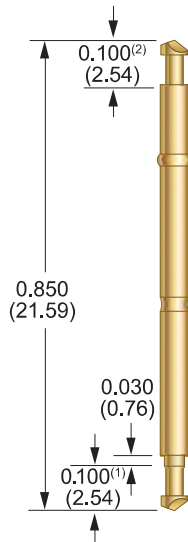
PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Materials	Nickel/silver, gold plated

TOOLS

Insertion Tool	RT-100
----------------	--------

HEADED PLUNGER



HOW TO ORDER

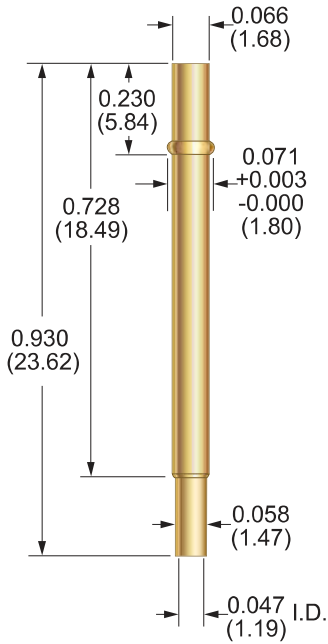
R - SS / SS	
1	
1 ▶ SERIES	R - SS / SS

1. For plunger with 0.040 (1.02) tip length
2. Headed plunger only this end
Dimensions are in inches (mm) | All specifications are subject to change

► **R-2 SERIES**

0.100 (2.54) Centers

For S-2 Series Probes see pg. 20



PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

TOOLS

Crimping Pliers	CP-2 (for 22-26 gage solid conductor)
Insertion Tool	RT-100

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
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)	0.375 post length – 0.025 dia.
R-2-WW-429	Wire Wrap	1.359 (34.52)	1.599 (40.61)	0.429 post length – 0.025 dia.

HOW TO ORDER

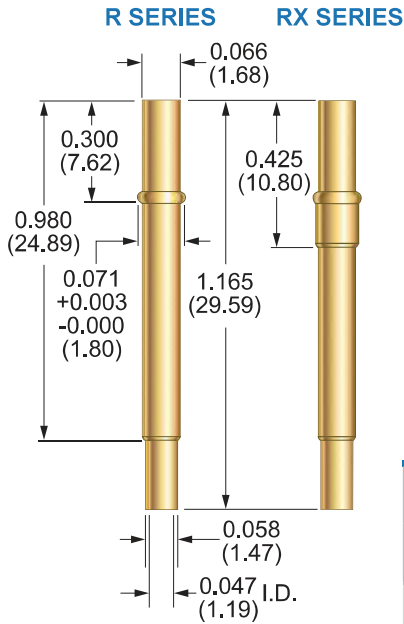
R - 2 - WW - 429
 1 2 3

1 ► SERIES	R
2 ► SIZE	2
3 ► TERMINATION	CR CRIMP SC SOLDER CUP
	RP ROUND POST WW - 429 WIRE WRAP 0.429 POST LENGTH

▶ R-100 SERIES

0.100 (2.54) Centers

For ICT-100/S-100 Series Probes see pg. 21
 For ICT-100 Lead Free Series Probes see pg. 22
 For S-100 Rotator Series Probes see pg. 23
 For ICT-L100 Series Probes see pg. 24



PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

TOOLS

Crimping Pliers	CP-2 (for 22-26 gage solid conductor)
Insertion Tool	RT-100

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH		NOTES
			ICT-100/S-100	ICT-L100	
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	1.645 (41.78)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	1.645 (41.78)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	2.020 (51.31)	0.375 post length – 0.025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	2.074 (52.68)	0.429 post length – 0.025 dia.

HOW TO ORDER

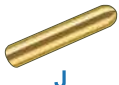

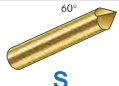

R - 100 - WW - 429	
1 2 3	
1 ▶ SERIES	R RX ⁽¹⁾
2 ▶ SIZE	100
3 ▶ TERMINATION	CR CRIMP SC SOLDER CUP
	RP ROUND POST WW - 429 WIRE WRAP 0.429 POST LENGTH

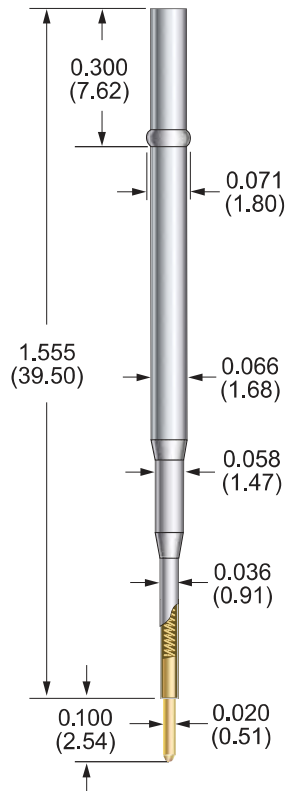
1. Improved pointing accuracy
 Dimensions are in inches (mm) | All specifications are subject to change

► **R-100-J-DE SERIES**

0.100 (2.54) Centers | Wireless Receptacle

For ICT-100/S-100 Series Probes see pg. 21
 For ICT-100 Lead Free Series Probes see pg. 22
 For ICT-L100 Series Probes see pg. 24

BECU TIPS	DIAMETER
 J	0.020 (0.51) 
 S	0.020 (0.51) 



PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole	0.068/0.070 (1.73/1.78)
Spring Force	2.70 oz (77 g) @ 0.070 (1.77) travel
Maximum Travel	0.100 (2.54)
Working Travel	0.070 (1.77)

MATERIALS

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

TOOLS

Insertion Tool	RT-100
----------------	--------

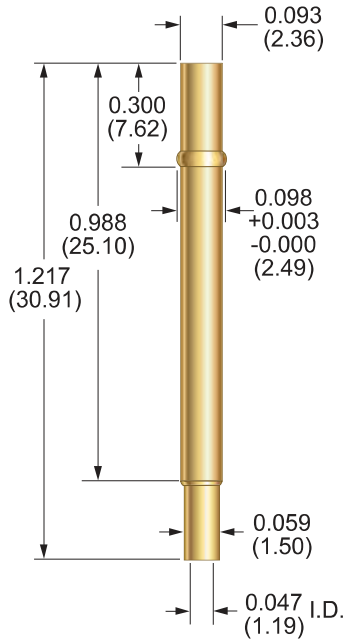
HOW TO ORDER

R - 100 - J - DE	
1 2 3 4	
1 ► SERIES	R
2 ► SIZE	100
3 ► TIP STYLE	J, S
4 ► TERMINATION	DE DOUBLE-ENDED

▶ R-3 SERIES

0.125 (3.18) Centers

For S-3 Series Probes see pg. 25



PROBE SPECIFICATIONS

Minimum Centers	0.125 (3.18)
Drill Size	#41
Mounting Hole Size	0.094/0.096 (2.39/2.44)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

TOOLS

Crimping Pliers	CP-3 (for 22-26 gage solid conductor)
Insertion Tool	RT-3

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
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)	0.429 post length – 0.025 sq.

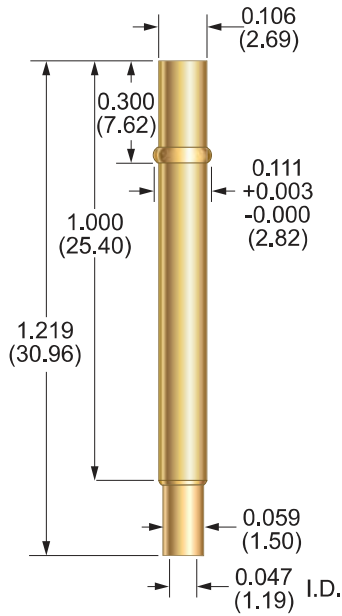
HOW TO ORDER

R - 3 - WW - 429 <small>1 2 3</small>	
1 ▶ SERIES	R
2 ▶ SIZE	3
3 ▶ TERMINATION	CR CRIMP SC SOLDER CUP
	WW - 429 WIRE WRAP 0.429 POST LENGTH

► **R-4 SERIES**

0.156 (3.96) – 0.187 (4.75) Centers

For S-4 Series Probes see pg. 26



PROBE SPECIFICATIONS

Minimum Centers	0.156 (3.96) (tips: B, C, D, G, J, K) or 0.187 (4.75) (tips: A, E, F, H)
Drill Size	#35
Mounting Hole Size	0.108/0.110 (2.74/2.79)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

TOOLS

Crimping Pliers	CP-4 (for 22-26 gage solid conductor)
Insertion Tool	RT-4

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
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)	0.429 post length – 0.025 sq.

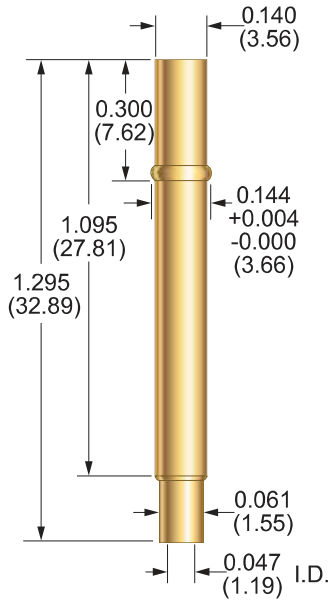
HOW TO ORDER

R - 4 - WW - 4 2 9	
1 2 3	
1 ► SERIES	R
2 ► SIZE	4
3 ► TERMINATION	CR CRIMP SC SOLDER CUP
	WW - 4 2 9 WIRE WRAP 0.429 POST LENGTH

► R-5 SERIES

0.187 (4.75) – 0.300 (7.62) Centers

For S-5 Series Probes see pg. 27



PROBE SPECIFICATIONS

Minimum Centers	0.187 (4.75) or 0.300 (7.62) (<i>tip: HLF</i>)
Drill Size	3.60 mm
Mounting Hole Size	0.141/0.143 (3.58/3.63)
Recommended Wire	22-26 gage
Materials	Nickel/silver, gold plated, gold plated post

TOOLS

Crimping Pliers	CP-5 (<i>for 22-26 gage solid conductor</i>)
Insertion Tool	RT-5

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
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)	0.429 post length – 0.025 sq.

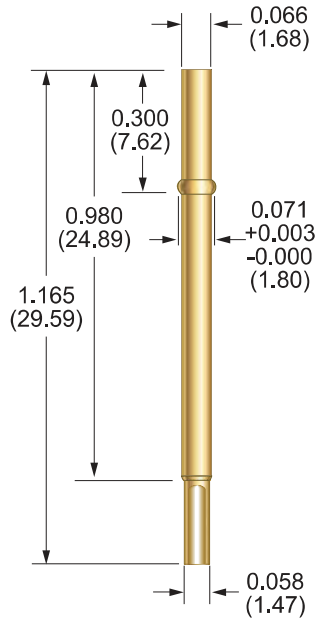
HOW TO ORDER

R - 5 - WW - 4 2 9	
1 2 3	
1 ► SERIES	R
2 ► SIZE	5
3 ► TERMINATION	CR CRIMP SC SOLDER CUP
	WW - 4 2 9 WIRE WRAP 0.429 POST LENGTH

► **RH-100 SERIES**

0.100 (2.54) Centers

For SH-100/SHE-100 Series Probes see pg. 35



PROBE SPECIFICATIONS

Minimum Centers	0.100 (2.54)
Drill Size	#50
Mounting Hole Size	0.068/0.070 (1.73/1.78)
Recommended Wire	22-26 gage
Materials	Copper alloy, gold plated

TOOLS

Insertion Tool	RT-100
----------------	--------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH	NOTES
RH-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
RH-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	0.429 post length – 0.025 sq.

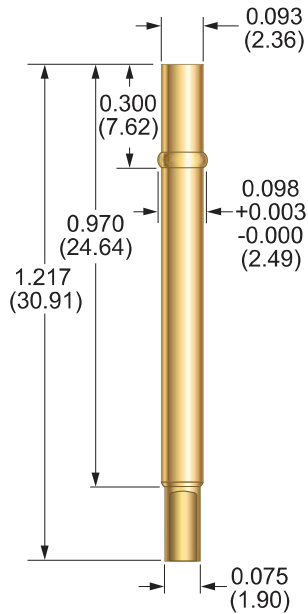
HOW TO ORDER

RH - 100 - WW - 429 <small>1 2 3</small>	
1 ► SERIES	RH
2 ► SIZE	100
3 ► TERMINATION	SC CRIMP WW - 429 WIRE WRAP 0.429 POST LENGTH

▶ RH-3 SERIES

0.125 (3.18) Centers

For SH-3/SHE-3 Series Probes see pg. 36



PROBE SPECIFICATIONS

Minimum Centers	0.125 (3.18)
Drill Size	#41
Mounting Hole Size	0.094/0.096 (2.39/2.44)
Recommended Wire	16 gage max.
Materials	Copper alloy, gold plated

TOOLS

Insertion Tool	RT-3
----------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
RH-3-SC	Solder Cup	1.217 (30.91)	1.539 (39.09)

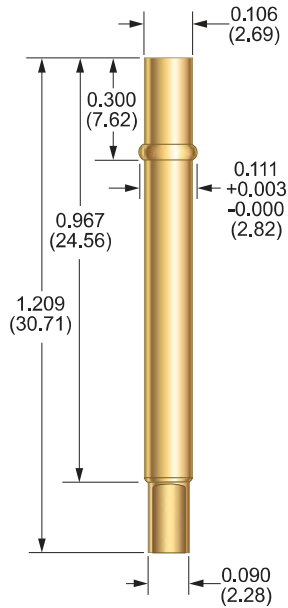
HOW TO ORDER

RH - 3 - SC <small>1 2 3</small>	
1 ▶ SERIES	RH
2 ▶ SIZE	3
3 ▶ TERMINATION	SC SOLDER CUP

► **RH-4 SERIES**

0.156 (3.96) – 0.187 (4.75) Centers

For SH-4/SHE-4 Series Probes see pg. 37



PROBE SPECIFICATIONS

Minimum Centers	0.156 (3.96) (tips: B, K) or 0.187 (4.75) (tips: A, F, H)
Drill Size	#35
Mounting Hole Size	0.108/0.110 (2.74/2.79)
Recommended Wire	16 gage max.
Materials	Copper alloy, gold plated

TOOLS

Insertion Tool	RT-4
-----------------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
RH-4-SC	Solder Cup	1.209 (30.71)	1.539 (39.09)

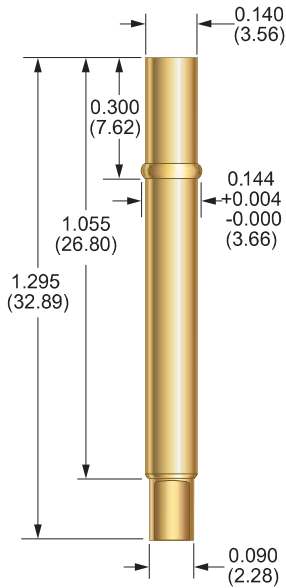
HOW TO ORDER

RH - 4 - SC <small>1 2 3</small>	
1 ► SERIES	RH
2 ► SIZE	4
3 ► TERMINATION	SC SOLDER CUP

▶ RH-5 SERIES

0.187 (4.75) Centers

For SH-5/SHE-5 Series Probes see pg. 38



PROBE SPECIFICATIONS

Minimum Centers	0.187 (4.75)
Drill Size	3.60 mm
Mounting Hole Size	0.141/0.143 (3.58/3.63)
Recommended Wire	16 gage max.
Materials	Copper alloy, gold plated

TOOLS

Insertion Tool	RT-5
----------------	------

PART NUMBER	STYLE	RECEPTACLE LENGTH	PROBE/RECEPTACLE COMBINED LENGTH
RH-5-SC	Solder Cup	1.295 (32.89)	1.620 (41.15)

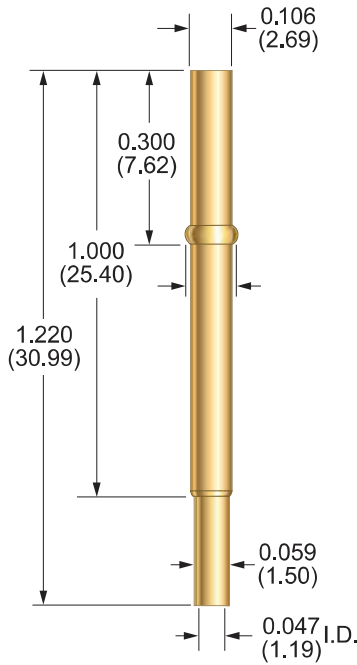
HOW TO ORDER

RH - 5 - SC <small>1 2 3</small>	
1 ▶ SERIES	RH
2 ▶ SIZE	5
3 ▶ TERMINATION	SC SOLDER CUP

► **R-4-CR SERIES**

0.156 (3.96) Centers

For Size 4 Switch Probes see pg. 40



PROBE SPECIFICATIONS

Minimum Centers	0.156 (3.96)
Drill Size	#35
Mounting Hole Size	0.108/0.110 (2.74/2.79)
Materials	Nickel/silver, gold plated

TOOLS

Insertion Tool	RT-4
----------------	------

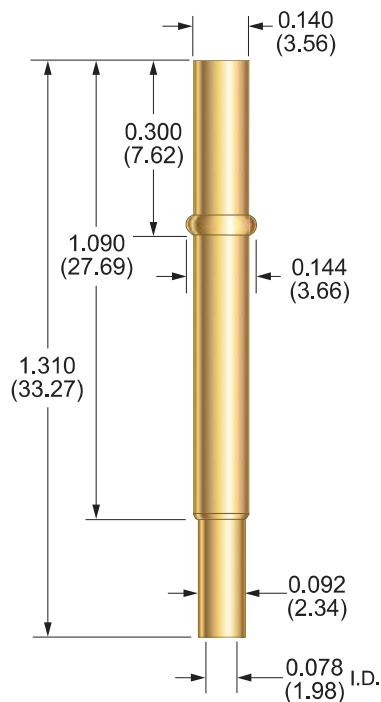
HOW TO ORDER

		R - 4 - CR
		1 2 3
1 ► SERIES		R
2 ► SIZE		4
3 ► TERMINATION		CR CRIMP

► R-5-SW SERIES

0.187 (4.75) Centers

For Size 5 Switch Probes see pg. 41



PROBE SPECIFICATIONS

Minimum Centers	0.187 (4.75)
Drill Size	3.60 mm
Mounting Hole Size	0.141/0.143 (3.58/3.63)
Materials	Nickel/silver, gold plated

TOOLS

Insertion Tool	RT-5
----------------	------

HOW TO ORDER

		R - 5 - SW
		1 2 3
1 ► SERIES		R
2 ► SIZE		5
3 ► TERMINATION		SW SWITCH