



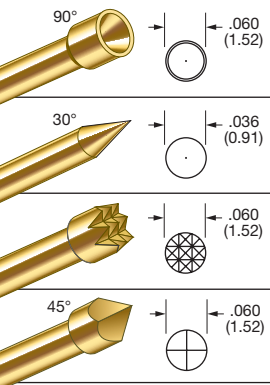
INTERCONNECT DEVICES, INC.



High-Current Probes

SH-100 and SHE-100 .100 CENTERS

SHE-100 PLUNGER TIPS



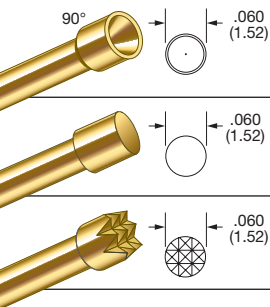
A

B

H

K

SH-100 PLUNGER TIPS



A

F

H

PROBE SPECIFICATIONS

Minimum Centers: .100 (2.54)

Current Rating:

SHE-100: 8 amps continuous
SH-100: 15 amps continuous
(Individual probe in free air @ ambient temperature)

Spring Force:

4.0 oz. or 6.7 oz. @ .170 (4.32) travel

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)
4.0* (113)	1.6 (45)
6.7 (190)	2.4 (68)

* SH-100 only

MATERIALS

Barrel: High performance copper alloy, gold plated

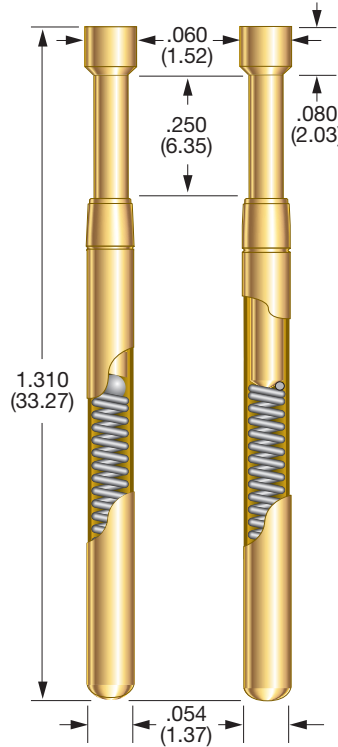
Spring: Stainless steel

Plunger: Beryllium copper, gold plated

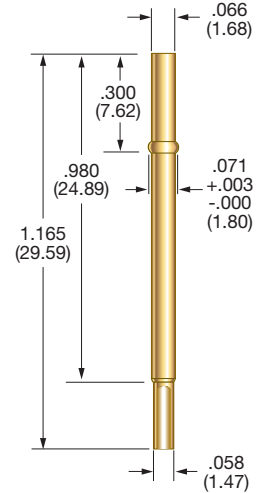
Ball: SH probe: Stainless steel

Receptacle: Copper alloy, gold plated

SH-100 SHE-100



RH-100 Receptacle

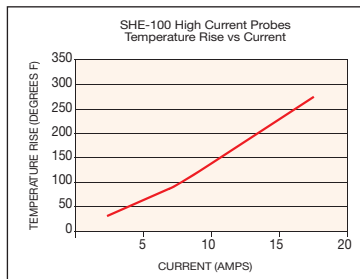
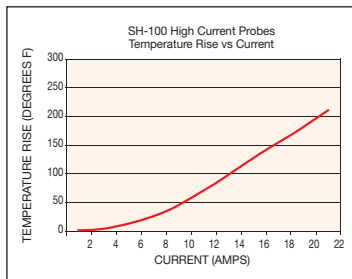


Drill Size: #50

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

Recommended Wire: 22-26 gage

.100 CENTER HIGH CURRENT PROBES



IDL current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour.

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
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)	.429 post length - .025 sq.

HOW TO ORDER: SPRING CONTACT PROBE

SHE	100	A	6.7	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS
SERIES: SHE: 8 AMPS SH: 15 AMPS			SPRING FORCE: 4.0* OZ. @ .170 (4.32) TRAVEL 6.7 OZ. @ .170 (4.32) TRAVEL	

* SH-100 ONLY

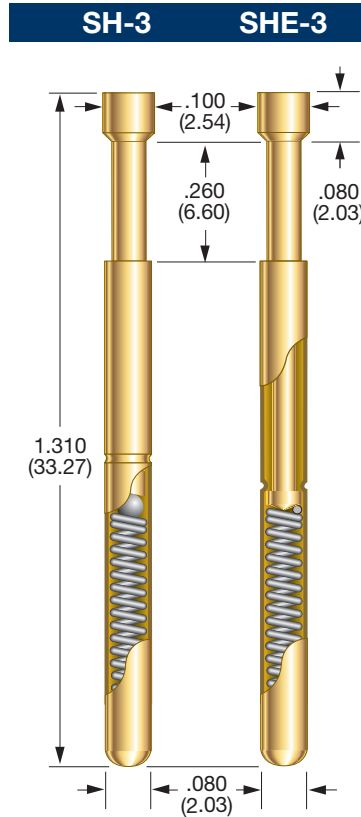
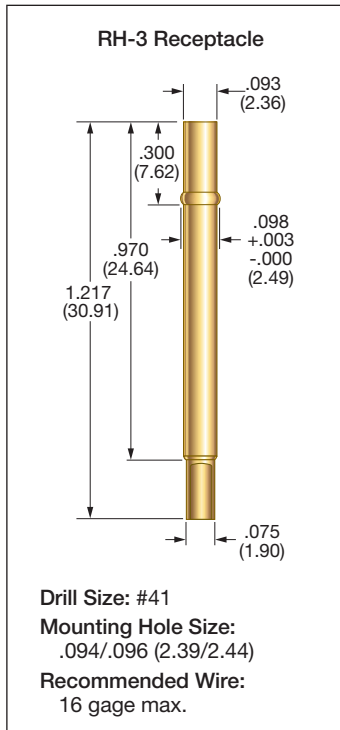
RECEPTACLE

RH	100	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH
TERMINATIONS: SC: SOLDER CUP WW: WIRE WRAP			POST LENGTH WW: 429

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

.125 CENTERS SH-3 and SHE-3



PROBE SPECIFICATIONS

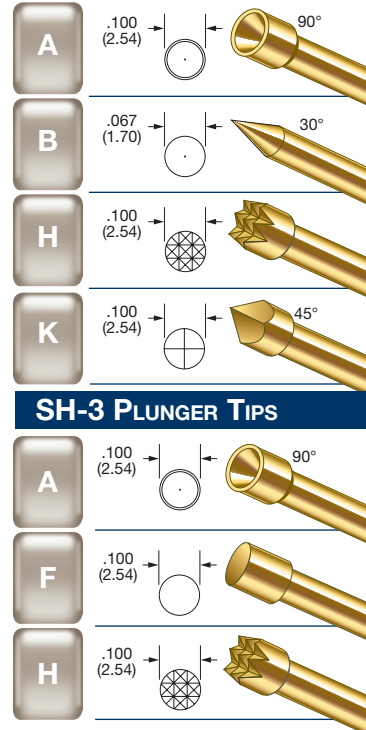
Minimum Centers: .125 (3.18)
Current Rating:
 SHE-3: 14 amps continuous
 SH-3: 27 amps continuous
 (Individual probe in free air @ ambient temperature)
Spring Force: 7.0 oz. @ .170 (4.32) travel
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)
7.0 (199)	2.9 (82)

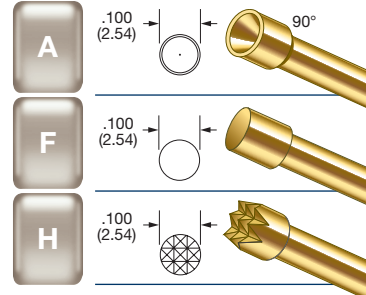
MATERIALS

Barrel: High performance copper alloy, gold plated
Spring: Stainless steel
Plunger: Beryllium copper, gold plated
Ball: SH probe: Stainless steel
Receptacle: Copper alloy, gold plated

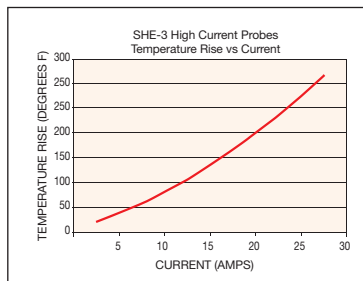
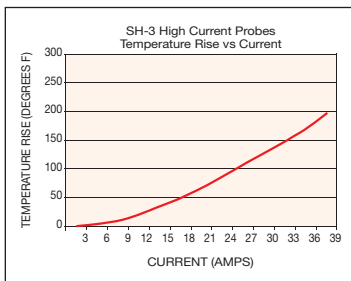
SHE-3 PLUNGER TIPS



SH-3 PLUNGER TIPS



.125 CENTER HIGH CURRENT PROBES



IDI current ratings are defined as the maximum current at which the temperature rise of the probe does not exceed 144°F (80°C) for a single probe in free air at ambient temperature for one hour.

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RH-3-SC	Solder Cup	1.217 (30.91)	1.539 (39.09)	—

HOW TO ORDER: SPRING CONTACT PROBE

SHE	3	A	7	G
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS

SERIES:
 SHE: 14 AMPS
 SH: 27 AMPS

RECEPTACLE

RH	3	SC
SERIES	SIZE	TERMINATION

TERMINATIONS:
 SC: SOLDER CUP

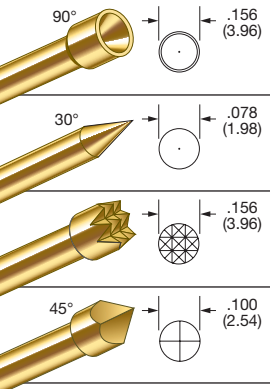
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Specifications subject to change without notice. Dimensions in inches (millimeters)

SH-4 and SHE-4

.156 AND .187 CENTERS

SHE-4 PLUNGER TIPS



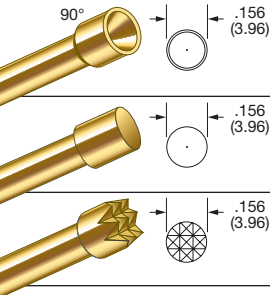
A

B

H

K

SH-4 PLUNGER TIPS



A

F

H

PROBE SPECIFICATIONS

Minimum Centers:

.156 (3.96) tips B, K

.187 (4.75) tips A, F, H

Current Rating:

SHE-4: 21 amps continuous

SH-4: 32 amps continuous

(Individual probe in free air @ ambient temperature)

Spring Force:

10.0 oz. @ .170 (4.32) travel

Maximum Travel: .250 (6.35)

Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)
10.0 (283)	4.0 (115)

MATERIALS

Barrel: High performance copper alloy, gold plated

Spring: Stainless steel

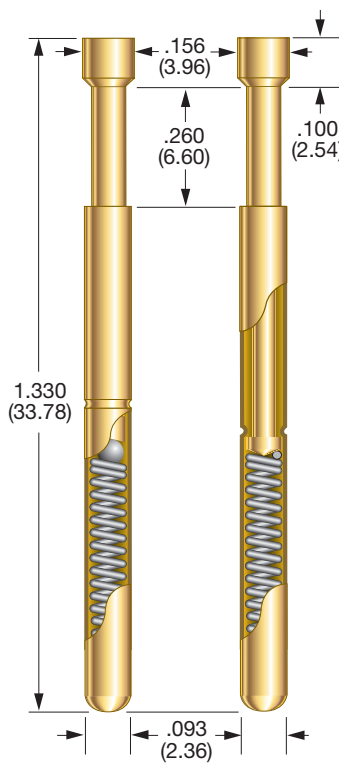
Plunger: Beryllium copper, gold plated

Ball: SH probe: Stainless steel

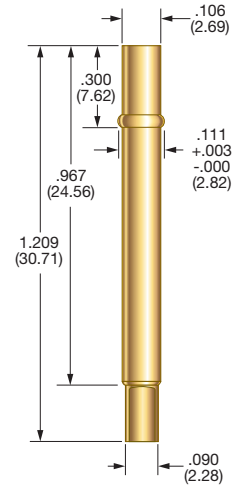
Receptacle: Copper alloy, gold plated

SH-4

SHE-4



RH-4 Receptacle



Drill Size: #35

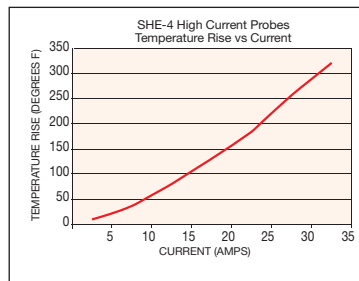
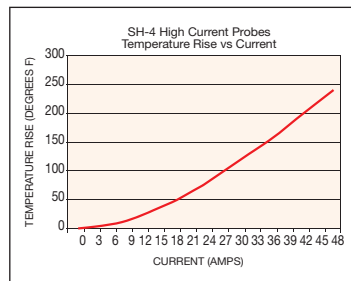
Mounting Hole Size:

.108/.100 (2.74/2.79)

Recommended Wire:

16 gage max.

.156 AND .187 CENTER HIGH CURRENT PROBES



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RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RH-4-SC	Solder Cup	1.209 (30.71)	1.539 (39.09)	—

HOW TO ORDER: SPRING CONTACT PROBE

SHE

SERIES

4

SIZE

A

TIP
STYLE

10

SPRING
FORCE

G

PLATING
OPTIONS

SERIES:
SHE: 21 AMPS
SH: 32 AMPS

RECEPTACLE

RH

SERIES

4

SIZE

SC

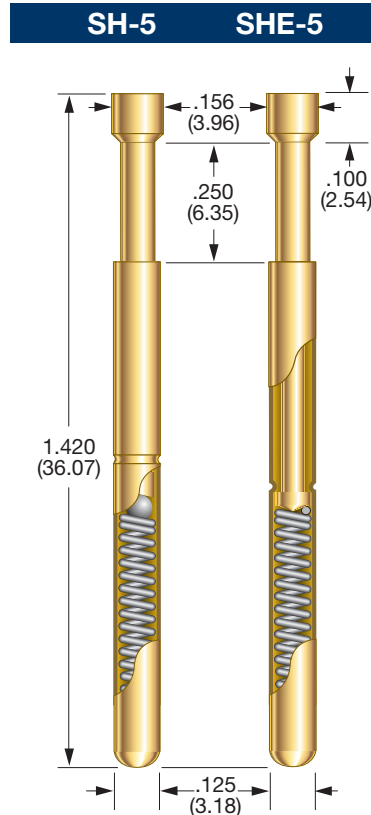
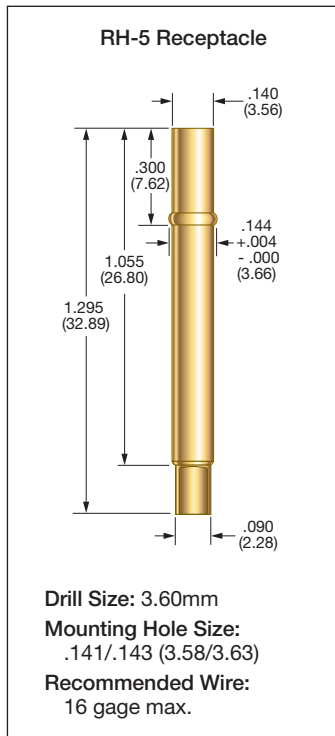
TERMINATION

TERMINATIONS:
SC: SOLDER CUP

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

.187 CENTERS SH-5 and SHE-5



PROBE SPECIFICATIONS

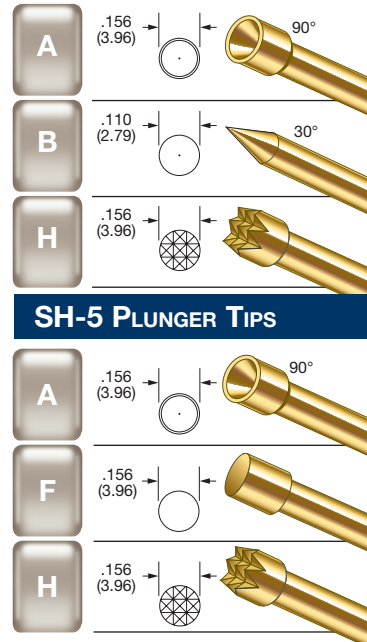
Minimum Centers: .187 (4.75)
Current Rating:
SHE-5: 23 amps continuous
SH-5: 39 amps continuous
(Individual probe in free air @ ambient temperature)
Spring Force: 18.7 oz. @ .170 (4.32) travel
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)

Rated Force oz. (g)	Preload oz. (g)
18.7 (531)	7.2 (204)

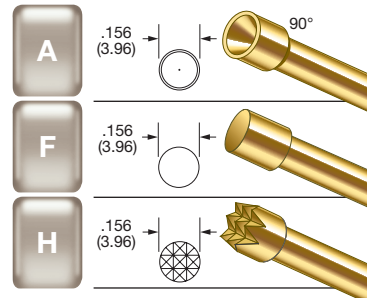
MATERIALS

Barrel: High performance copper alloy, gold plated
Spring: Stainless steel
Plunger: Beryllium copper, gold plated
Ball: SH probe: Stainless steel
Receptacle: Copper alloy, gold plated

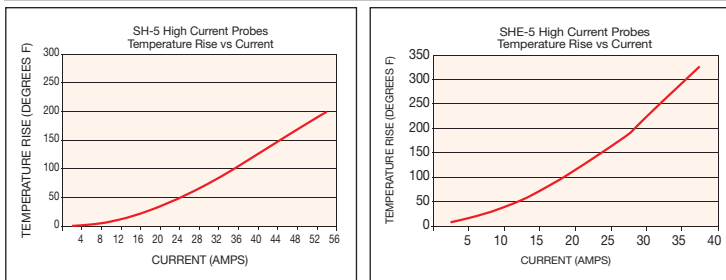
SHE-5 PLUNGER TIPS



SH-5 PLUNGER TIPS



.187 CENTER HIGH CURRENT PROBES



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RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RH-5-SC	Solder Cup	1.295 (32.89)	1.620 (41.15)	—

HOW TO ORDER: SPRING CONTACT PROBE

SHE **5** **A** **18.7** **G**

SERIES SIZE TIP STYLE SPRING FORCE PLATING OPTIONS

SERIES:
SHE: 23 AMPS
SH: 39 AMPS

RECEPTACLE

RH **5** **SC**

SERIES SIZE TERMINATION

TERMINATIONS:
SC: SOLDER CUP

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



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