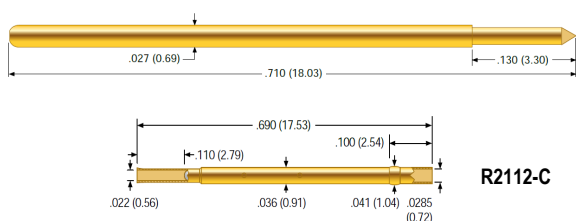


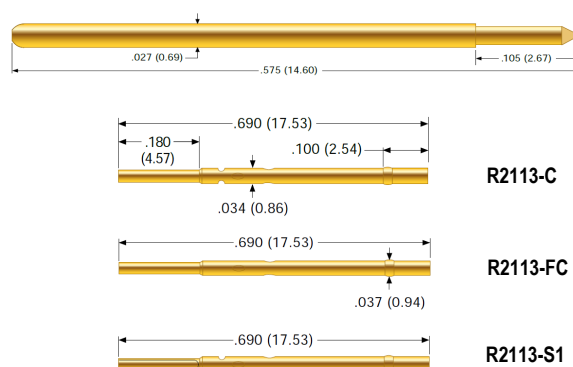
50mil (1.27mm)

E2112



E2113

50 mil (1.27mm)



TIP 针头

A	B	J	L24
Ø 0.040 (1.02)	Ø 0.021 (0.53)	Ø 0.021 (0.53)	Ø 0.021 (0.53)
		R=0.013 (0.33mm)	

Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.090" (2.29mm)
Recommended Travel 建议行程:	0.067" (1.70mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<30 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	0.70oz (20g)	1.7oz (48g)
Alternate -2	0.60oz (17g)	2.5oz (71g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated 硬化处理的铍铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金
Spring 弹簧:	BeCu, Silver plated 铍铜材料, 表面镀银
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Brass, Gold plated 黄铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.0380"/0.0395" (0.97mm/1.0mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#61 or 1.0mm

Order Part 型号订购

E2112	G	-A	-1
Probe Model 系列型号	Plating 电镀	Tip 针头	Spring Force 弹力

TIP 针头

A	B	J	L24
Ø 0.040 (1.02)	Ø 0.021 (0.53)	Ø 0.021 (0.53)	Ø 0.021 (0.53)
		R=0.013 (0.33mm)	

Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.068" (1.73mm)
Recommended Travel 建议行程:	0.050" (1.27mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<30 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.00oz (28g)	1.8oz (51g)
Alternate -2	0.50oz (14g)	2.5oz (71g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated 硬化处理的铍铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金
Spring 弹簧:	BeCu, Silver plated 铍铜材料, 表面镀银
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Nickel Silver, Gold plated 镍银材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.0350"/0.0365" (0.89mm/0.93mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#64 or 0.92mm

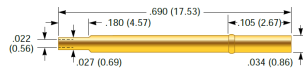
Order Part 型号订购

E2113	G	-A	-1
Probe Model 系列型号	Plating 电镀	Tip 针头	Spring Force 弹力

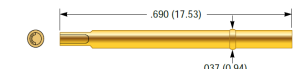
Test Probes for 50mil Center

50mil (1.27mm)

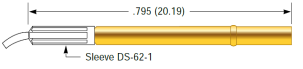
EJ1050



REJ1050-C



REJ1050-S



REJ1050-WPL



REJ1050-28-30



REJ1050-30-30

TIP 针头

B	D	G	T	SU
Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.018 (0.46)

Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.050" (1.27mm)
Recommended Travel 建议行程:	0.050" (1.27mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<35 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.18oz (33g)	3.2oz (91g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
Barrel 针管:	Hardened Phosphorous Bronze, Gold plated over Nickel (I.D. and O.D.) 硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Music Wire, Gold plated 琴弦, 表面镀金
Receptacle 针套:	Nickel Silver, Gold plated over Nickel 镍银材料, 表面镀镍外加镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.0350"/0.0365" (0.89mm/0.93mm)
Recommended wire 建议配线:	28-30 AWG
Suggested drill 建议打孔钻头:	#64 or 0.92mm

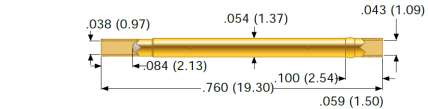
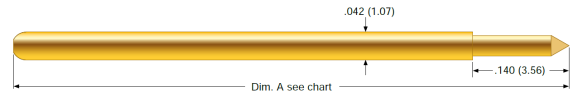
Order Part 型号订购



Test Probes for 50mil Center

E2175

50 mil (1.27mm)



R2175-C



R2175-FC



R2175-S1

Probe Overall Length 探针总长

E2175-A	0.810" (20.57mm)
E2175-B	0.810" (20.57mm)
E2175-H	0.810" (20.57mm)
E2175-J	0.770" (19.56mm)
E2175-T	0.810" (20.57mm)

TIP 针头

A	B	H	J	T
Ø 0.050 (1.27)	Ø 0.030 (0.76)	Ø 0.060 (1.52)	Ø 0.030 (0.76)	Ø 0.014 (0.36)

Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.090" (2.29mm)
Recommended Travel 建议行程:	0.067" (1.70mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.5oz (42g)	3.3oz (94g)
Alternate -2	1.0oz (28g)	2.0oz (57g)

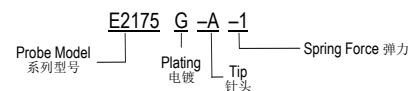
Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated 硬化处理的铍铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Stainless Steel 不锈钢材料
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.0561"/0.0576" (1.43mm/1.46mm)
Recommended wire 建议配线:	28-30 AWG
Suggested drill 建议打孔钻头:	1.45mm

Order Part 型号订购



E1050



S1050



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.100" (2.54mm)
Recommended Travel 建议行程:	0.067" (1.7mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	
Standard Spring	-55°C to +150°C
Alternate Spring	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	
E1050	<35 mOhms
S1050	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.20oz (34g)	2.8oz (79g)
Alternate -2	0.91oz (26g)	3.7oz (105g)

Materials and Finishes 材料及表面处理

Plunger 针头:	E1050	Heat-treated BeCu, Gold plated over Nickel
	S1050	Heat-treated BeCu, Rhodium plated over Nickel
Barrel 针管:		Hardened Phosphorous Bronze, Gold plated over hard Nickel (I.D. and O.D.)
		硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Standard	Stainless Steel, Silver plated
		不锈钢材料, 表面镀银
	Alternate	Music Wire, Silver plated
		琴弦, 表面镀银
Receptacle 针套:		Nickel Silver, Gold plated over Nickel
		镍银材料, 表面镀镍外加镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.0350"/0.0365" (0.89mm/0.93mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#64 or 0.92mm

Order Part 型号订购

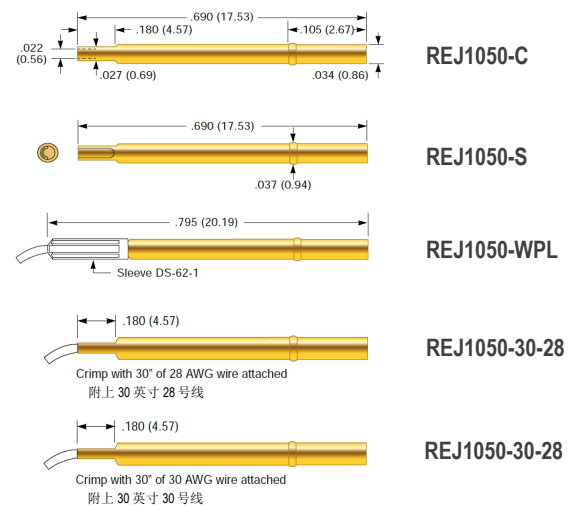
Probe Model 系列型号	E1050	G	-A	-1	Spring Force 弹力
		Plating 电镀		Tip 针头	

G=Gold plated 镀金
R=Rhodium plated 镀铑

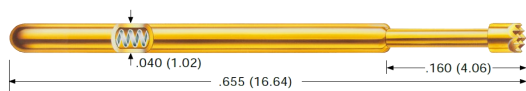
TIP 针头

A	B30	B90	C	D
Ø 0.035 (0.89)	Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.035 (0.89)	Ø 0.012 (0.31)
F	G12	G	H	H120
Ø 0.035 (0.89)	Ø 0.018 (0.46)	Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.047 (1.19)
J	L	T		
Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.035 (0.89)		
A	B	D	G12	G
Ø 0.035 (0.89)	Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.012 (0.31)	Ø 0.021 (0.53)
H	J	L	T	
Ø 0.035 (0.89)	Ø 0.021 (0.53)	Ø 0.035 (0.89)	Ø 0.035 (0.89)	

Receptacles 针套



E1075



S1075



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.100" (2.54mm)
Recommended Travel 建议行程:	0.067" (1.7mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	
Standard Spring	-55°C to +150°C
Alternate Spring	-55°C to +150°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗:	
E1075	<35 mOhms
S1075	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.35oz (38g)	2.5oz (71g)
Alternate -2	1.27oz (36g)	4.5oz (128g)

Materials and Finishes 材料及表面处理

Plunger 针头:	E1075: Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
	S1075: Heat-treated BeCu, Rhodium plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:	Hardened Phosphorous Bronze, Gold plated over hard Nickel (I.D. and O.D.) 硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.053"/0.055" (1.35mm/1.40mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#54 or 1.40mm

Order Part 型号订购

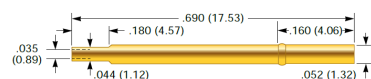
Probe Model 系列型号	E1075	G	-A	-1	Spring Force 弹力
		Plating 电镀	Tip 针头		
					G=Gold plated 镀金 R=Rhodium plated 镀铑

TIP 针头

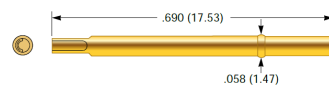
A	B	C	D	E
Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.021 (0.53)	Ø 0.040 (1.02)	Ø 0.060 (1.52)
F	G	H	J	L
Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.042 (1.07)
T				
Ø 0.057 (1.45)				

A	B	C	D	E
Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.021 (0.53)	Ø 0.040 (1.02)	Ø 0.060 (1.52)
F	G	H	J	T
Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.057 (1.45)

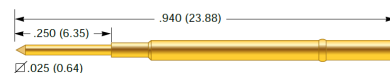
Receptacles 针套



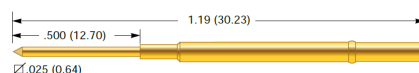
RE1074-C



RE1074-S



RE1074-W-1M



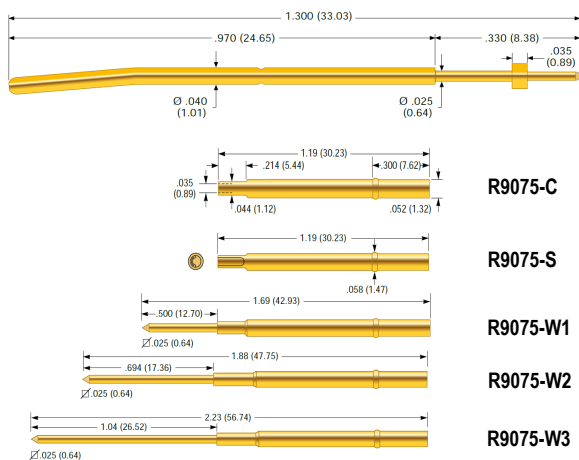
RE1074-W1

Test Probes for 75mil Center

Test Probes for 75mil Center

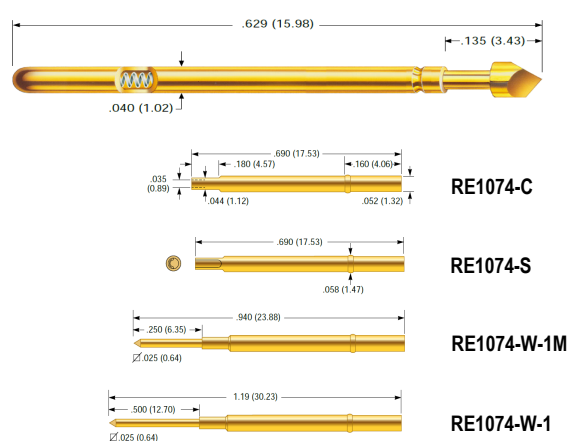
75mil (1.91mm)

E9075



E1074

75 mil (1.91mm)

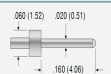


TIP 针头

J120	J140	J160	JR120	JR140
Ø 0.020 (0.51)	Ø 0.020 (0.51)	Ø 0.020 (0.51)	Ø 0.020 (0.51)	Ø 0.020 (0.51)

JR160

Ø 0.020 (0.51)



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.135" (3.43mm)
Recommended Travel 建议行程:	0.120" (3.05mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<35 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.5 oz (42g)	2.9oz (82g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated over Nickel 硬化处理的铍铜材料, 表面镀镍外加镀金
Barrel 针管:	Hardened BeCu, Rhodium plated 硬化处理的铍铜材料, 表面镀铑
Spring 弹簧:	Phosphorous Bronze, Gold plated over hard Nickel (I.D. and O.D.) 磷青铜材料, 内外壁表面镀镍外加镀金
Receptacle 针套:	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.053"/0.055" (1.35mm/1.40mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#54 or 1.40mm

Order Part 型号订购

E9075	G	J120	-1
Probe Model 系列型号	Plating 电镀	Tip 针头	Spring Force 弹力
			G=Gold plated 镀金 R=Rhodium plated 镀铑

TIP 针头

B	D	T
Ø 0.021 (0.53)	Ø 0.040 (1.02)	Ø 0.057 (1.45)

Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.075" (1.91mm)
Recommended Travel 建议行程:	0.075" (1.91mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<15 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.68oz (48g)	3.22oz (91g)
Alternate -2	2.45oz (69g)	6.20oz (176g)

Materials and Finishes 材料及表面处理

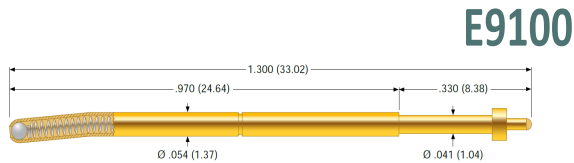
Plunger 针头:	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
Barrel 针管:	Hardened Phosphorous Bronze, Gold plated over Nickel (I.D. and O.D.) 硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.053"/0.055" (1.35mm/1.40mm)
Recommended wire 建议配线:	28-30 AWG
Suggested drill 建议打孔钻头:	#54 or 1.40mm

Order Part 型号订购

E1074	G	-B	-1
Probe Model 系列型号	Plating 电镀	Tip 针头	Spring Force 弹力



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.135" (3.43mm)
Recommended Travel 建议行程:	0.120" (3.05mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	5 amps
Average Probe Resistance 平均探针阻抗值:	<35 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
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Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated over Nickel 硬化处理的铍铜材料, 表面镀镍外加镀金 Hardened BeCu, Rhodium plated over Nickel 硬化处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D) or Nickel Silver, Gold plated (I.D. and O.D) 磷青铜材料, 内外壁表面镀金或 镍银材料, 内外壁表面镀金
Spring 弹簧:	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.067"/0.069" (1.70mm/1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#51 or 1.70mm

Order Part 型号订购

Probe Model 系列型号	E9100	Plating 电镀	G	Tip 针头	-C060	Spring Force 弹力	-1
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G=Gold plated 镀金
R=Rhodium plated 镀铑

TIP 针头

C060	J060	J080	J100	J140
Ø 0.030 (0.76)	Ø 0.025 (0.64)	Ø 0.025 (0.64)	Ø 0.025 (0.64)	Ø 0.025 (0.64)

J160

Ø 0.025 (0.64)



CR060

Ø 0.030 (0.76)



JR160

Ø 0.025 (0.64)



JR060

Ø 0.025 (0.64)



JR080

Ø 0.025 (0.64)



JR100

Ø 0.025 (0.64)

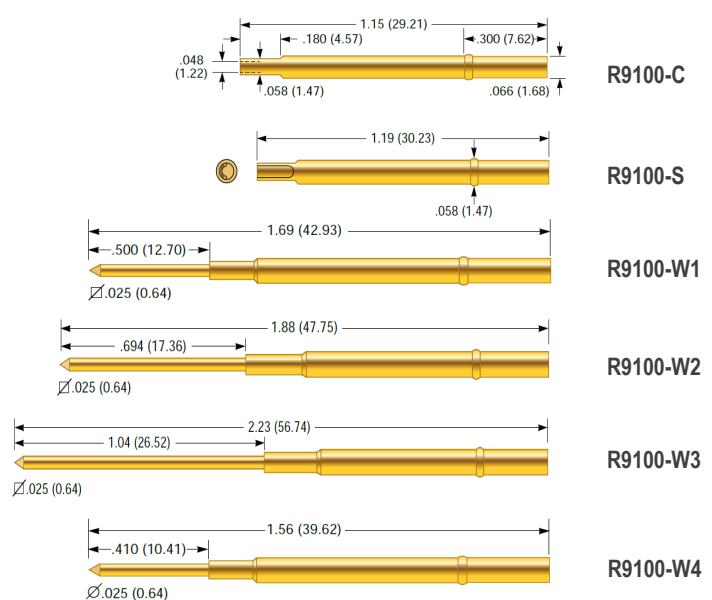


JR140

Ø 0.025 (0.64)

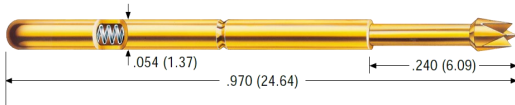


Receptacles 针套

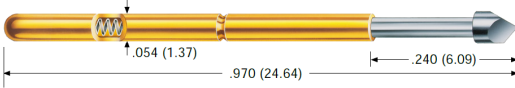


所有尺寸为英寸 (公制 mm) All dimensions are in inches (millimeters)
以上产品为标准件, 可来样定制 These probes are representative models and modification is available

E100



S100



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.160" (4.06mm)
Recommended Travel 建议行程:	0.107" (2.72mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	5 amps
Average Probe Resistance 平均探针阻抗值:	
E100	<35 mOhms
S100	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.24oz (35g)	3.5oz (99g)
Alternate -2	2.64oz (75g)	6.5oz (184g)
Ultra High -3	4.41oz (125g)	10.0oz (283g)

Materials and Finishes 材料及表面处理

Plunger 针头: E100:	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
S100:	Heat-treated BeCu, Rhodium plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:	Hardened Phosphorous Bronze, Gold plated over Nickel (I.D. and O.D.) 硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Music Wire, Silver plated 琴弦, 表面镀银
Ball 球:	Stainless Steel, Gold plated 不锈钢材料, 表面镀金
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.067"/0.069" (1.70mm/1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#51 or 1.70mm

Order Part 型号订购

Probe Model 系列型号	E100	G	-A	-1	Spring Force 弹力	G=Gold plated 镀金 R=Rhodium plated 镀铑
Plating 电镀						
Tip 针头						

TIP 针头

A150 Ø 0.060 (1.52) Rhodium plated available	A190 Ø 0.075 (1.91) Rhodium plated available	B30 Ø 0.030 (0.76) Rhodium plated available	B40 Ø 0.040 (1.02) Rhodium plated available	C30 Ø 0.030 (0.76) Rhodium plated available
C40 Ø 0.040 (1.02) Rhodium plated available	D Ø 0.050 (1.27) Rhodium plated available	E Ø 0.075 (1.91) Rhodium plated available	F Ø 0.075 (1.91) Rhodium plated available	G30 Ø 0.030 (0.76) Rhodium plated available
G40 Ø 0.040 (1.02) Rhodium plated available	H Ø 0.075 (1.91) Rhodium plated available	J30 Ø 0.030 (0.76) Rhodium plated available	J40 Ø 0.040 (1.02) Rhodium plated available	L Ø 0.050 (1.27) Rhodium plated available
P Ø 0.075 (1.91) Rhodium plated available	R Ø 0.040 (1.02) Rhodium plated available	T Ø 0.075 (1.91) Rhodium plated available	T230 Ø 0.090 (2.29) Rhodium plated available	V Ø 0.057 (1.45) Rhodium plated available
X Ø 0.065 (1.52) Rhodium plated available				

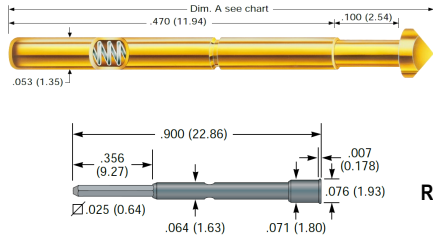
Receptacles 针套

	RE100-C
	RE100-S
	RE100-2W1
	RE100-2W2
	RE100-2Y

Test Probes for 100mil Center

100mil (2.54mm)

E1077

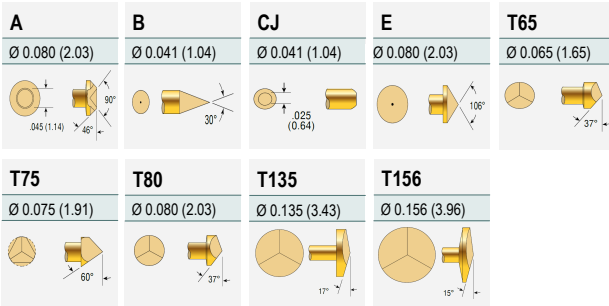


R1077-W

Probe Overall Length 探针总长

E1077-A	0.570" (14.48mm)	E1077-T75	0.570" (14.48mm)
E1077-B	0.598" (15.19mm)	E1077-T80	0.598" (15.19mm)
E1077-C	0.586" (14.88mm)	E1077-T135	0.586" (14.88mm)
E1077-E	0.570" (14.48mm)	E1077-T156	0.570" (14.48mm)
E1077-T65	0.570" (14.48mm)		

TIP 针头



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.100" (2.54mm)
Recommended Travel 建议行程:	0.075" (1.91mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<35 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.76oz (50g)	3.0oz (85g)
Alternate -2	2.82oz (80g)	5.0oz (141g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
Barrel 针管:	Hardened Phosphorous Bronze, Gold plated over Nickel (I.D. and O.D.) 硬化处理的磷青铜材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Standard: Stainless Steel, Silver plated 不锈钢材料, 表面镀银 Alternate: Music Wire, Silver plated 琴弦, 表面镀银
Receptacle 针套:	Work hardened BeCu, Gold plated over Nickel 硬化处理的铍铜材料, 表面镀镍外加镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.067" / 0.069" (1.70mm / 1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#51 or 1.70mm

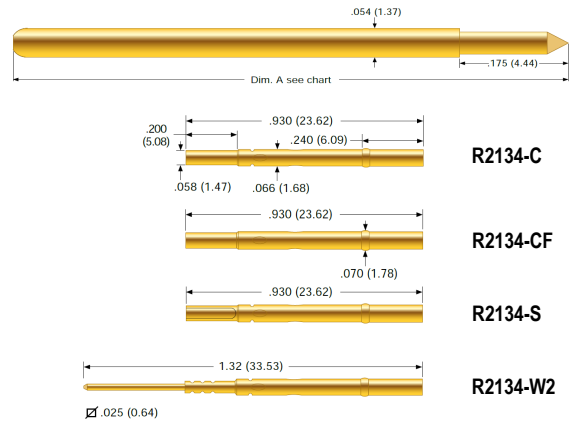
Order Part 型号订购



Test Probes for 100mil Center

100 mil (2.54mm)

E2134



R2134-C

R2134-CF

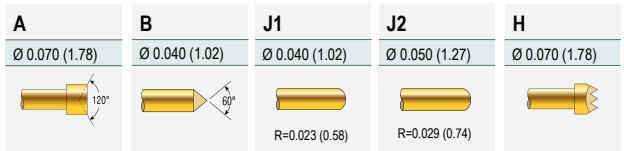
R2134-S

R2134-W2

Probe Overall Length 探针总长

E2134-A	0.895" (22.73mm)
E2134-B	0.845" (21.46mm)
E2134-J1	0.895" (22.73mm)
E2134-J2	0.935" (23.75mm)
E2134-H	0.895" (22.73mm)

TIP 针头



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.114" (2.90mm)
Recommended Travel 建议行程:	0.084" (2.13mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	5 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	2.0oz (57g)	3.6oz (102g)
Standard -2	3.0oz (85g)	5.7oz (162g)

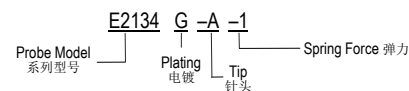
Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated 硬化处理的铍铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Stainless Steel 不锈钢材料
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.069" (1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	1.75mm

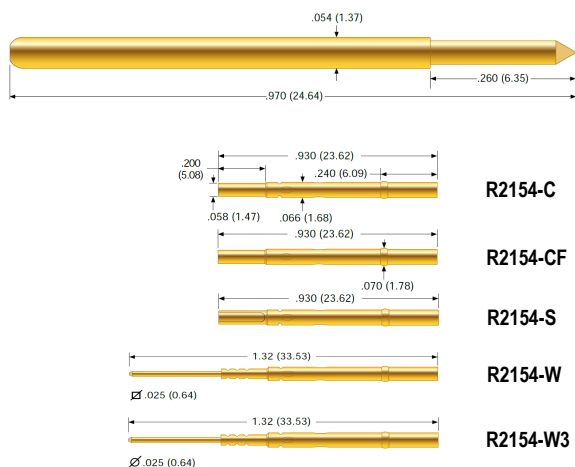
Order Part 型号订购



Test Probes for 100mil Center

100mil (2.54mm)

E2154



R2154-C

R2154-CF

R2154-S

R2154-W

R2154-W3

TIP 针头

A	B	H	L8	J
Ø 0.070 (1.78)	Ø 0.040 (1.02)	Ø 0.070 (1.78)	Ø 0.025 (0.64)	Ø 0.040 (1.02)

L

Ø 0.060 (1.52)



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.170" (4.32mm)
Recommended Travel 建议行程:	0.114" (2.90mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	8 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	2.7oz (77g)	6.9oz (196g)
Alternate -2	1.3oz (37g)	2.8oz (79g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened Steel or BeCu, Gold plated 硬化处理的钢或镀铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Music Wire, Gold plated 琴弦, 表面镀金
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.069" (1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	1.75mm

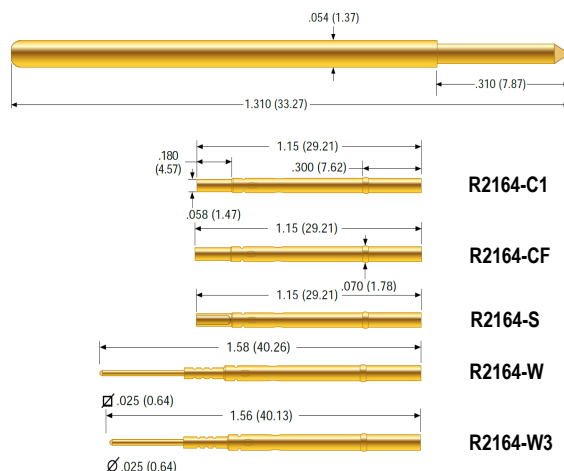
Order Part 型号订购



Test Probes for 100mil Center

100 mil (2.54mm)

E2164



R2164-C1

R2164-CF

R2164-S

R2164-W

R2164-W3

TIP 针头

A	B	B1	H	J
Ø 0.060 (1.52)	Ø 0.040 (1.02)	Ø 0.040 (1.02)	Ø 0.060 (1.52)	Ø 0.030 (0.76)

L

Ø 0.060 (1.52)



T

Ø 0.060 (1.52)



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.230" (5.84mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +105°C
Current Rating 电流:	8 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	2.5oz (71g)	6.5oz (184g)
Alternate -2	1.7oz (48g)	3.5oz (99g)
Elevated -3	2.5oz (71g)	8.2oz (232g)

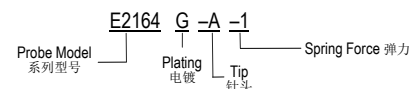
Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened Steel or BeCu, Gold plated 硬化处理的钢或镀铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Music Wire 琴弦
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

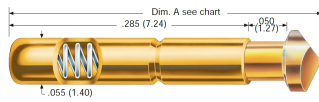
Mounting 安装尺寸

Mounting hole size 孔直径:	0.069" (1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	1.75mm

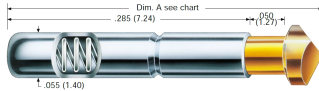
Order Part 型号订购



E1064



S1064



TIP 针头

A80	B50	D80	E80	J
Ø 0.077 (1.96)	Ø 0.047 (1.19)	Ø 0.077 (1.96)	Ø 0.052 (1.32)	Ø 0.047 (1.19)
T62	T65	T75	T80	T156
Ø 0.062 (1.57)	Ø 0.065 (1.65)	Ø 0.075 (1.99)	Ø 0.077 (1.96)	Ø 0.156 (3.96)

Probe Overall Length 探针总长

E1064-A80	0.365" (9.27mm)	E1064-T62	0.383" (9.73mm)
E1064-B50	0.363" (9.22mm)	E1064-T65	0.375" (9.53mm)
E1064-D80	0.365" (9.27mm)	E1064-T75	0.385" (9.78mm)
E1064-E80	0.395" (10.03mm)	E1064-T80	0.375" (9.53mm)
E1064-J	0.365" (9.27mm)	E1064-T156	0.375" (9.53mm)

Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.050" (1.27mm)
Recommended Travel 建议行程:	0.050" (1.27mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	3 amps
Average Probe Resistance 平均探针阻抗值:	<50 mOhms

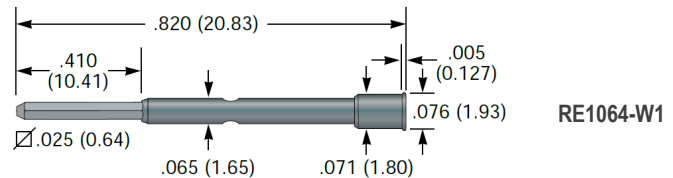
Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.0oz (31g)	3.85oz (109g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
Barrel 针管: E1064	Work hardened Nickel Silver, Gold plated over Nickel (I.D. and O.D.) 硬化处理的镍银材料, 内外壁表面镀镍外加镀金
S1064	Work hardened Nickel Silver 硬化处理的镍银材料
Spring 弹簧:	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
Receptacle 针套:	Nickel Silver alloy 镍银材料

Receptacles 针套



Mounting 安装尺寸

Mounting hole size 孔直径:	0.067"/0.069" (1.70mm/1.75mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#51 or 1.70mm

Order Part 型号订购

Probe Model 系列型号	E1064	G	A	-1
Plating 电镀				
Tip 针头				
Spring Force 弹力				

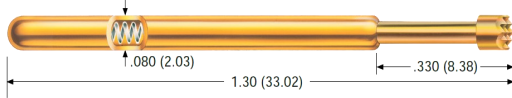
G=Gold plated 镀金
R=Rhodium plated 镀钌

Hole Diameters to be Contacted 测试孔直径

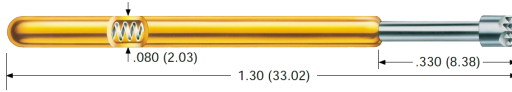
E1064/S1064-A80	lands and pads
E1064/S1064-B50	lands and pads
E1064/S1064-D80	lands and pads
E1064/S1064-E80	0.052" (1.32mm)
E1064/S1064-J	lands and pads
E1064/S1064-T62	up to 0.058 (1.47mm)
E1064/S1064-T65	up to 0.058 (1.47mm)
E1064/S1064-T75	up to 0.070 (1.78mm)
E1064/S1064-T80	up to 0.073 (1.85mm)
E1064/S1064-T156	up to 0.150 (3.81mm)

所有尺寸为英寸 inches (公制 mm) All dimensions are in inches (millimeters)
以上产品为标准件, 可来样定制 These probes are representative models and modification is available

EGR-3



SGR-3



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.250" (6.35mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	
Standard Spring:	-55°C to +85°C
Alternate Spring:	-55°C to +150°C
Ultra High Spring:	-55°C to +150°C
Current Rating 电流:	6 amps
Average Probe Resistance 平均探针阻抗值:	
EGR-3	<35 mOhms
SGR-3	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.56oz (44g)	4.5oz (128g)
Alternate -2	3.02oz (86g)	6.5oz (184g)
Ultra High -3	4.18oz (119g)	11.7oz (332g)

Materials and Finishes 材料及表面处理

Plunger 针头: EGR	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
SGR:	Heat-treated BeCu, Rhodium plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:	Hardened Nickel Silver, Gold plated over Nickel (I.D. and O.D.) 硬化处理的镍银材料, 内外壁表面镀镍外加镀金
Spring 弹簧: Standard	BeCu, Silver plated 铍铜材料, 表面镀银
Alternate	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
Ultra High	Stainless Steel 不锈钢材料
Ball 球:	Brass, Gold plated 黄铜材料, 表面镀金
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.094"/0.096" (2.39mm/2.44mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#41 or 2.40mm

Order Part 型号订购

Probe Model 系列型号	EGR3	G	A	-1	Spring Force 弹力
		Plating 电镀	Tip 针头		
					G=Gold plated 镀金 R=Rhodium plated 镀铑

TIP 针头

A	B	C	D	E
Ø 0.100 (2.54)	Ø 0.050 (1.27)	Ø 0.050 (1.27)	Ø 0.062 (1.58)	Ø 0.100 (2.54)
F	G	H	J	L36
Ø 0.100 (2.54)	Ø 0.050 (1.27)	Ø 0.100 (2.54)	Ø 0.050 (1.27)	Ø 0.050 (1.27)
P36	T			
Ø 0.050 (1.27)	Ø 0.100 (2.54)			
A	B	C	D	E
Ø 0.100 (2.54)	Ø 0.050 (1.27)	Ø 0.050 (1.27)	Ø 0.062 (1.58)	Ø 0.100 (2.54)
F	G	H	J	T
Ø 0.100 (2.54)	Ø 0.050 (1.27)	Ø 0.060 (1.52)	Ø 0.021 (0.53)	Ø 0.057 (1.54)

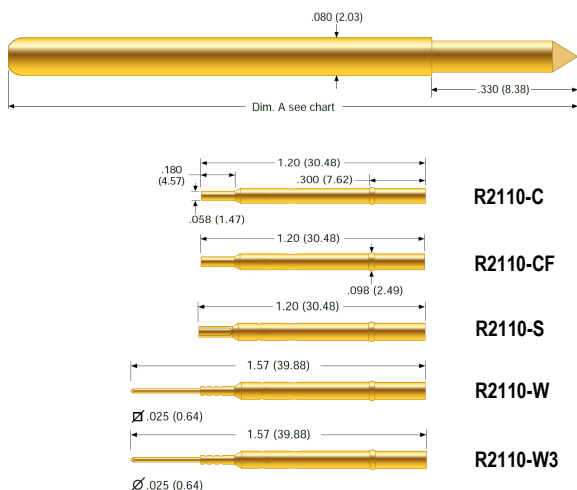
Receptacles 针套

	RPA3-C
	RPA3-S
	RPA3-W1
	RPA3-Y

Test Probes for 125mil Center

125mil (3.18mm)

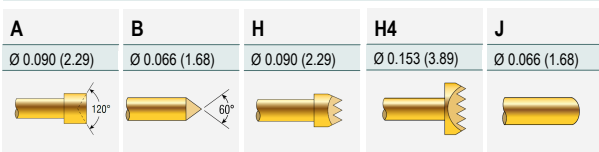
E2110



Probe Overall Length 探针总长

E2110-A	1.29" (32.77mm)
E2110-B	1.29" (32.77mm)
E2110-H	1.29" (32.77mm)
E2110-H4	1.27" (32.26mm)
E2110-J	1.29" (32.77mm)

TIP 针头



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.230" (5.84mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	15 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.5oz (43g)	3.0oz (85g)
Alternate -2	2.5oz (71g)	5.8oz (164g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold plated 硬化处理的铍铜材料, 表面镀金
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Stainless Steel 不锈钢材料
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.094"/0.096" (2.39mm/2.44mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#41 or 2.40mm

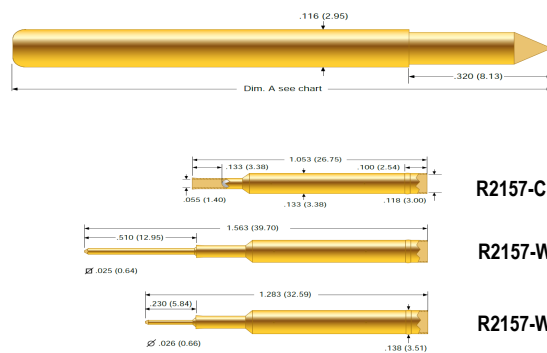
Order Part 型号订购



Test Probes for 187mil Center

E2157

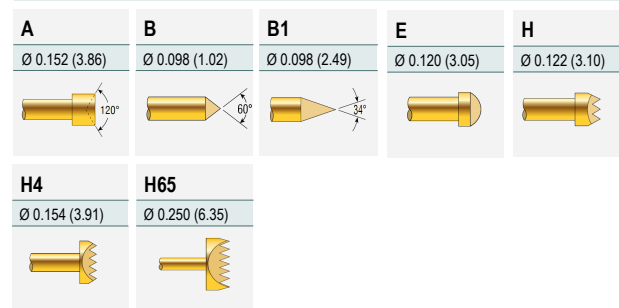
187 mil (4.75mm)



Probe Overall Length 探针总长

E2157-A	1.210" (30.73mm)	E2157-H	1.210" (30.73mm)
E2157-B	1.210" (30.73mm)	E2157-H4	1.205" (30.61mm)
E2157-B1	1.140" (28.96mm)	E2157-H65	1.205" (30.61mm)
E2157-E	1.210" (30.73mm)		

TIP 针头



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.230" (5.84mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	-55°C to +150°C
Current Rating 电流:	20 amps
Average Probe Resistance 平均探针阻抗值:	<10 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	2.0oz (57g)	4.0oz (113g)
Alternate -2	3.5oz (99g)	6.9oz (194g)

Materials and Finishes 材料及表面处理

Plunger 针头:	Hardened BeCu, Gold or Silver plated 硬化处理的铍铜材料, 表面镀金或镀银
Barrel 针管:	Phosphorous Bronze, Gold plated (I.D. and O.D.) 磷青铜材料, 内外壁表面镀金
Spring 弹簧:	Stainless Steel 不锈钢材料
Ball 球:	Stainless Steel 不锈钢材料
Receptacle 针套:	Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

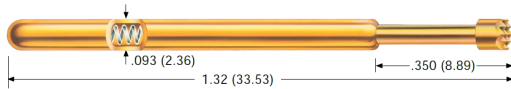
Mounting 安装尺寸

Mounting hole size 孔直径:	0.1350"/0.1365" (3.43mm/3.47mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	#29 or 3.45mm

Order Part 型号订购



EGR-4



SGR-4



Mechanical and Electrical 机械和电解性能

Full Travel 总行程:	0.250" (6.35mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	
Standard Spring:	-55°C to +85°C
Alternate Spring:	-55°C to +150°C
Ultra High Spring:	-55°C to +150°C
Current Rating 电流:	7 amps
Average Probe Resistance 平均探针阻抗值:	
EGR-4	<35 mOhms
SGR-4	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	2.00oz (57g)	4.8oz (136g)
Alternate -2	3.07oz (87g)	6.9oz (196g)
Ultra High -3	6.18oz (175g)	11.8oz (335g)

Materials and Finishes 材料及表面处理

Plunger 针头:	EGR	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
	SGR	Heat-treated BeCu, Rhodium plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:		Hardened Nickel Silver, Gold plated over Nickel (I.D. and O.D) 硬化处理的镍银材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Standard	BeCu, Silver plated 铍铜材料, 表面镀银
	Alternate	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
	Ultra High	Stainless Steel 不锈钢材料
Ball 球:		Brass, Gold plated 黄铜材料, 表面镀金
Receptacle 针套:		Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.107"/0.109" (2.72mm/2.77mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	2.75mm

Order Part 型号订购

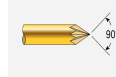
Probe Model 系列型号	EGR4	G	A	-1	Spring Force 弹力
		Plating 电镀	Tip 针头		
					G=Gold plated 镀金 R=Rhodium plated 镀铑

TIP 针头

A	B	C	D	E
Ø 0.156 (3.96)	Ø 0.060 (1.53)	Ø 0.060 (1.53)	Ø 0.093 (2.36)	Ø 0.156 (3.96)
F	G	H	J	L36
Ø 0.156 (3.96)	Ø 0.060 (1.53)	Ø 0.156 (3.96)	Ø 0.060 (1.53)	Ø 0.060 (1.53)

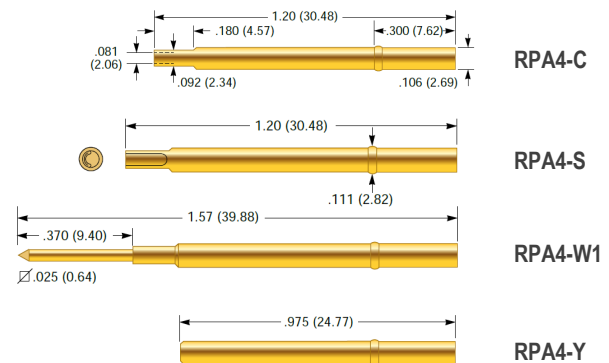
P36

Ø 0.060 (1.53)

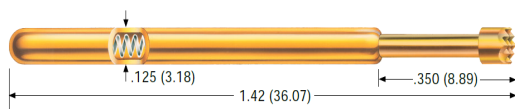


A	B	C	D	E
Ø 0.156 (3.96)	Ø 0.060 (1.53)	Ø 0.060 (1.53)	Ø 0.093 (2.36)	Ø 0.156 (3.96)
				
F	G	H	J	
Ø 0.156 (3.96)	Ø 0.060 (1.53)	Ø 0.156 (3.96)	Ø 0.060 (1.53)	
				

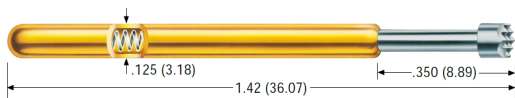
Receptacles 针套



EGR-5



SGR-5



Mechanical and Electrical 机械和电性能

Full Travel 总行程:	0.250" (6.35mm)
Recommended Travel 建议行程:	0.167" (4.24mm)
Mechanical Life Cycles 机械寿命:	1 x 10 ⁶
Operating Temperature 操作温度:	
Standard Spring:	-55°C to +85°C
Alternate Spring:	-55°C to +150°C
Ultra High Spring:	-55°C to +150°C
Current Rating 电流:	8 amps
Average Probe Resistance 平均探针阻抗值:	
EGR-5	<35 mOhms
SGR-5	<50 mOhms

Spring Force in oz. (gram) 弹力系数

Spring Type 弹力类型	Preload 初压	2/3 Travel (2/3 行程)
Standard -1	1.96oz (56g)	3.5oz (99g)
Alternate -2	6.73oz (171g)	16.0oz (454g)
Ultra High -3	12.90oz (366g)	48.0oz (1360g)

Materials and Finishes 材料及表面处理

Plunger 针头:	EGR	Heat-treated BeCu, Gold plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀金
	SGR	Heat-treated BeCu, Rhodium plated over Nickel 特殊处理的铍铜材料, 表面镀镍外加镀铑
Barrel 针管:		Hardened Nickel Silver, Gold plated over Nickel (I.D. and O.D.) 硬化处理的镍银材料, 内外壁表面镀镍外加镀金
Spring 弹簧:	Standard	BeCu, Silver plated 铍铜材料, 表面镀银
	Alternate	Stainless Steel, Silver plated 不锈钢材料, 表面镀银
	Ultra High	Music Wire, Silver plated 琴弦, 表面镀银
Ball 球:		Brass, Gold plated 黄铜材料, 表面镀金
Receptacle 针套:		Phosphorous Bronze, Gold plated 磷青铜材料, 表面镀金

Mounting 安装尺寸

Mounting hole size 孔直径:	0.141"/0.143" (3.58mm/3.63mm)
Recommended wire 建议配线:	26-30 AWG
Suggested drill 建议打孔钻头:	3.60mm

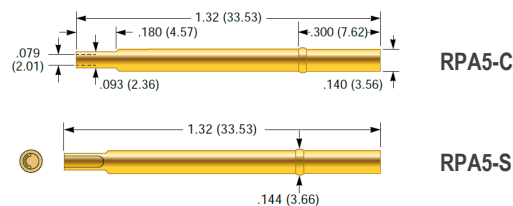
Order Part 型号订购

Probe Model 系列型号	EGR5	G	-B	-1	Spring Force 弹力
		Plating 电镀	Tip 针头		
					G=Gold plated 镀金 R=Rhodium plated 镀铑

TIP 针头

A	B	E	H
Ø 0.156 (3.96)	Ø 0.080 (2.03)	Ø 0.156 (3.96)	Ø 0.156 (3.96)
A	B	H	
Ø 0.156 (3.96)	Ø 0.080 (2.03)	Ø 0.156 (3.96)	

Receptacles 针套



RPA5-C

RPA5-S