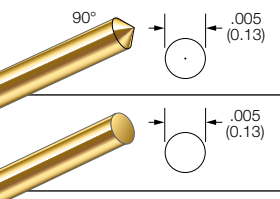


Penta 0 .010 - .015 Centers

STEEL PLUNGER TIPS



B

C

PROBE SPECIFICATIONS

Minimum Centers:

Without receptacle: .010 (0.25)

With receptacle: .015 (0.38)

Current Rating: 0.2 amps
continuous

Spring Force: 0.7 oz. (20g)
@ .033 (0.84) travel

Typical Resistance: < 250 mΩ

Maximum Travel: .050 (1.27)

Working Travel: .033 (0.84)

MATERIALS

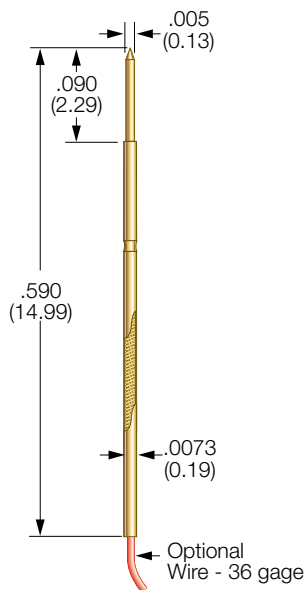
Barrel: Gold alloy

Spring: Music wire, gold plated

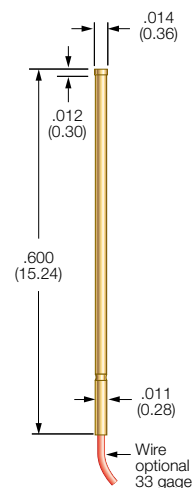
Plunger: Steel, gold plated

Receptacle: Bronze, preplated
gold

PENTA 0-PROBE



Penta-0 Receptacle



Drill Size: 0.32mm

Mounting Hole Size:

.0125 to .0130

(0.32 to 0.33)

Recommended Wire: 33 gage

FIXTURING OPTIONS

Penta 0 Probe

Drill Size A - #91: .0083 (0.21)

Drill Size B - #91: .0083 (0.21)

Drill Size C - #95: .0067 (0.17)

Dimension D: .022 (0.56)

Dimension E: .010 (0.25)

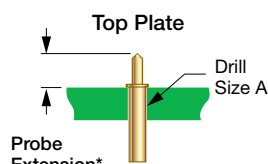
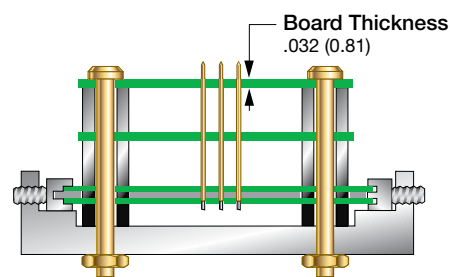
Penta 0 Receptacle

Drill Size A - 0.32 mm: .0126 (0.32)

Drill Size B - 0.30 mm: .0118 (0.30)

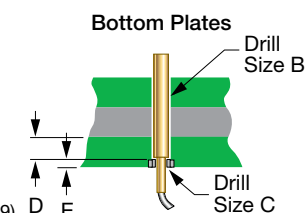
Drill Size C: N/A

Dimensions D & E: N/A



Probe Extension*

*Penta 0 Probe has no flange
Probe Extension: Penta 0 — .090 (2.29)
Penta 0 with receptacle — .102 (2.59)



RECEPTACLE OPTIONS			
Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length
Penta-0-Rec*	Preattached Wire	0.600 (15.24)	0.690 (17.53)

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

HOW TO ORDER: SPRING CONTACT PROBE

PENTA-0B

SERIES & TIP
0B: SPEAR POINT
0C: FLAT TIP

36

WIRE
LENGTH
(IN INCHES)

1

STRIP
LENGTH
(IN INCHES)

*To order without wire: PENTA-0B-0-0

* Unless otherwise specified, wire length 36", strip length 1", 36 gage wire preattached. 12" & 36" standard.

RECEPTACLE

PENTA-0 REC

SERIES

36

WIRE
LENGTH
(IN INCHES)

1

STRIP
LENGTH
(IN INCHES)

* Unless otherwise specified, wire length 36", strip length 1", 33 gage wire preattached. 12" & 36" standard.

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

Mouser Electronics

Authorized Distributor

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IDI:

[PENTA-0REC-12-1](#) [PENTA-0REC-36-1](#) [100361-001-0-0-P](#)