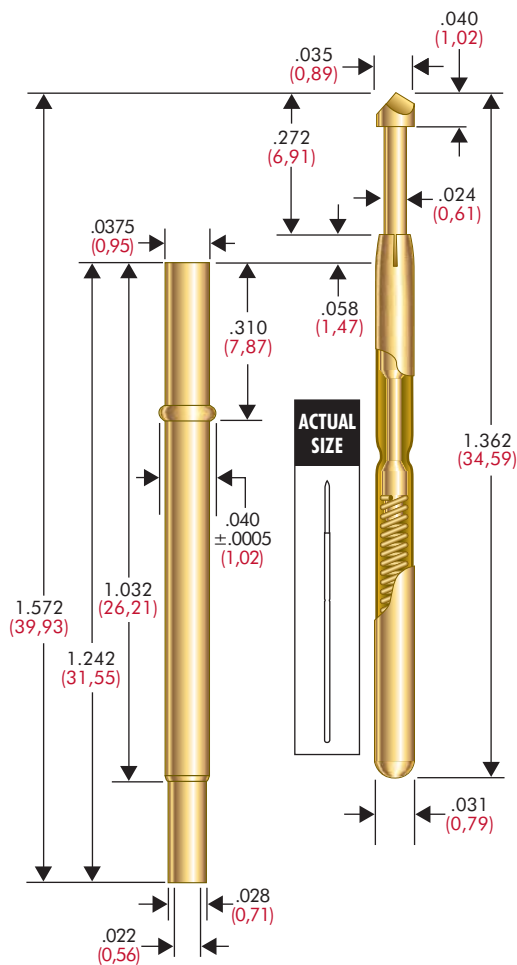


ICT 50C PROBE AND RECEPTACLE



RC-50-J-DE:
The RC Receptacle is also available for wireless test fixtures. See page 62 for more information.

PROBE SPECIFICATIONS

Minimum Centers: .050 (1,27)

Current Rating: 3 amps continuous

Spring Force: 3.2 or 5.4 oz. @ .170 (4,32) travel

Contact Resistance: <17 mΩ

Minimum Travel:

.250 (6,35) for headless tips

.232 (5,89) for headed tips

Working Travel: .170 (4,32)

Rated Force oz (gms)	Preload oz (gms)
3.2 (91)	2.0 (57)
5.4 (153)	2.0 (57)

RECEPTACLE SPECIFICATIONS

Connections:

RC-0-CR: Crimp

RC-0-SC: Solder Cup

RC-0-WW-016: Wire Wrap, .016 (0,41) square post, .250 (6,35) length

RC-0-WW-025: Wire Wrap, .025 (0,64) square post, .300 (7,62) length

RC-0-DS: DuraSeal®, 30 or 28 gage wire, vacuum sealed

RC-0-WT: Wire plug receptacle

WT-EZ: Wire plug terminal

Recommended Wire:
28-30 gage

Drill Size: #61

Mounting Hole Size:
.0385/.0390 (0,98/0,99)

MATERIALS

Barrel: G2

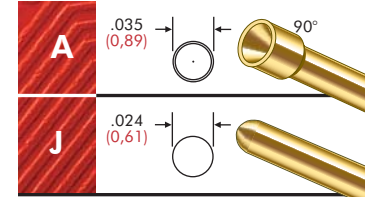
Spring: Music wire, gold plated

Plunger: Full-hard beryllium copper or steel, gold plated over nickel

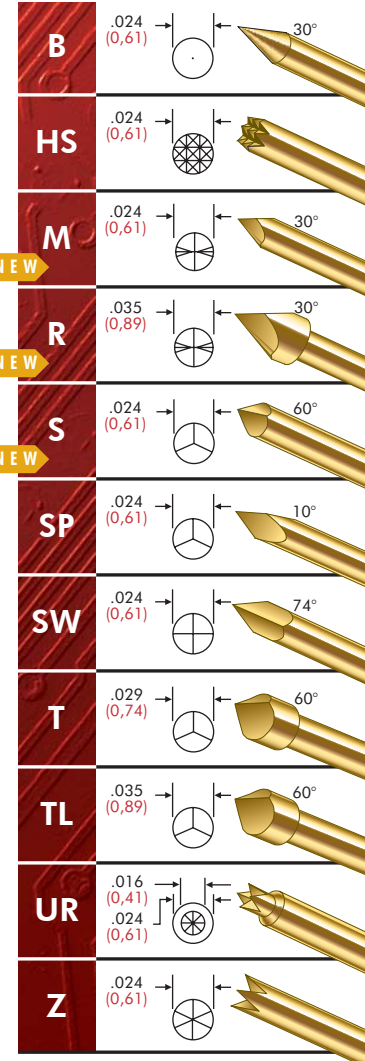
Receptacle: Beryllium copper, gold plated

Terminal: Nickel/silver, gold plated

BeCu PLUNGERS



STEEL PLUNGERS



HOW TO ORDER: SPRING CONTACT PROBE

ICT

SERIES

50C

SIZE

T

TIP
STYLE

5.4

SPRING
FORCE

G

PLATING
OPTION

S

STEEL
PLUNGER
OPTION

SERIES:
ICT: High Performance
S: Standard

SPRING FORCE:
3.2 oz. @ .170 (4,32) travel
5.4 oz. @ .170 (4,32) travel

CRIMPING PLIERS: CPRCO
INSERTION TOOL: RTRCO

RECEPTACLE

RC

SERIES

0

SIZE

CR

TERMINATION

TERMINATIONS:

CR: Crimp

SC: Solder Cup

WW-016: Wire wrap .016 sq

WW-025: Wire Wrap .025 sq

DS: DuraSeal

WT: Wire Plug Receptacle**

WT-EZ: Wire Plug Terminal*

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

** Requires WT-EZ plug-in terminal

View updates of this information at <http://www.idinet.com>

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