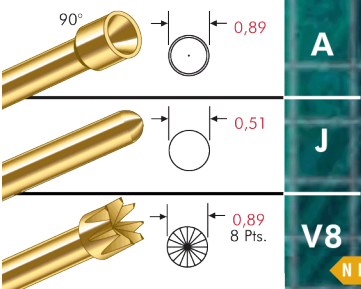


ICT-50J / S-50J

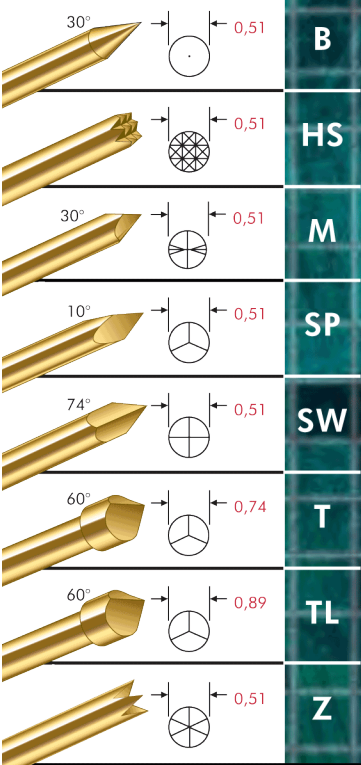
SIZE 50J

1.27 CENTERS

BeCu PLUNGER TIPS



STEEL PLUNGER TIPS



PROBE SPECIFICATIONS

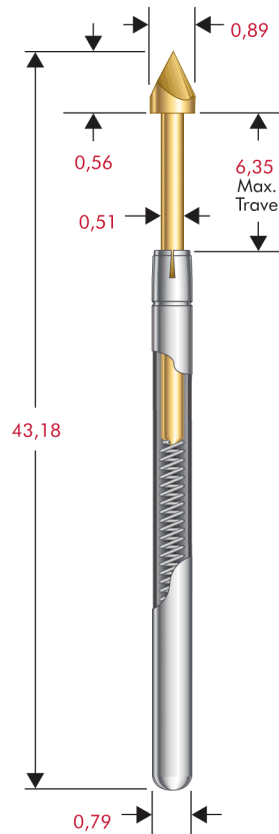
Minimum Centers: **1,27**
 Current Rating: 3 amps continuous
 Spring Force: 4.0, 5.6, 7.0 or 10.0 oz. @ **4,32** travel
 Typical Resistance: <20 mΩ
 Maximum Travel: **6,35**
 Working Travel: **4,32**

Rated Force _g	Preload _g	Material
113	51	SS
159	71	SS
198	88	MW
283	130	MW

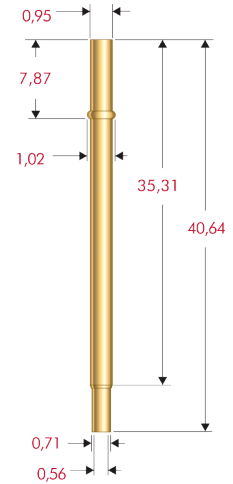
MATERIALS

Barrel: Nickel-Silver, gold plated
 Spring: Music wire, nickel plated or stainless steel
 Plunger: Full-hard beryllium copper or steel, gold plated over nickel
 Receptacle: Beryllium copper, gold plated, gold plated post
 Terminal: Nickel/silver, gold plated

ICT-50J PROBE



R-50J Receptacle



Drill Size: #61
 Mounting Hole Size: **0,98/0,99**
 Recommended Wire: 28-30 gage

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-50J-CR	Crimp	40,64	48,51	—
R-50J-SC	Solder Cup	40,64	48,51	—
R-50J-WW-016	Wire Wrap	46,99	54,86	6.35 post length - 0.41 sq.
R-50J-WW-025	Wire Wrap	48,26	56,13	7.620 post length - 0.64 sq.
R-50J-DS	Duraseal	40,64	48,51	30 or 28 gage wire, vacuum sealed
R-50J-WT	Plug-In Receptacle	40,64	48,51	For use with WT-EZ plug-in terminal
WT-EZ	Plug-In Terminal	—	—	Plugs into R-50J-WT receptacle

HOW TO ORDER:

SPRING CONTACT PROBE

ICT	50J	T	5.6	DG	S
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTION	STEEL PLUNGER OPTION

SERIES:
ICT: High Performance
S: Standard Performance,
 (No Bifurcated Beam)

SPRING FORCE:
 4.0 oz. @ **4,32** travel
 5.6 oz. @ **4,32** travel
 7.0 oz. @ **4,32** travel
 10.0 oz. @ **4,32** travel

RECEPTACLE

R	50J	CR	016
SERIES	SIZE	TERMINATION	POST SIZE

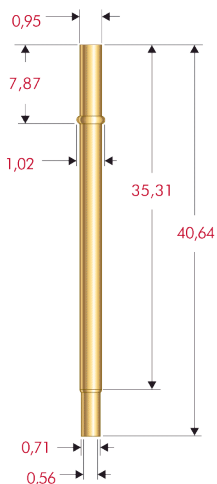
TERMINATIONS:
CR: Crimp
SC: Solder Cup
WW: Wire Wrap

POST SIZE:
WW: 0.41 or 0.64

WT-EZ: Plug-In Terminal*

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar
 ** For use with WT-EZ plug-in terminal

R-50J Receptacle



Drill Size: #61
Mounting Hole Size:
0,98/0,99
Recommended Wire:
28-30 gage

PROBE SPECIFICATIONS

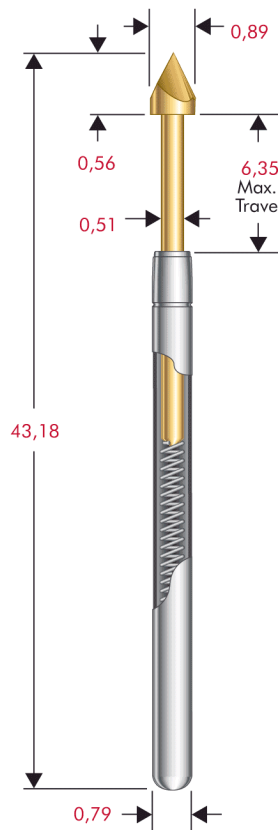
Minimum Centers: 1,27
Current Rating: 3 amps
continuous
Spring Force: 4.0, 5.6, 7.0 or
10.0 oz. @ 4,32
travel
Typical Resistance: <25 mΩ
Maximum Travel: 6,35
Working Travel: 4,32

Rated Force g	Preload g	Material
113	51	SS
159	71	SS
198	88	MW
283	130	MW

MATERIALS

Barrel: Nickel-silver, gold plated
Spring: Music wire, gold plated
or stainless steel
Plunger: Full-hard beryllium
copper or steel, gold plated
over nickel
Receptacle: Beryllium copper,
gold plated, gold plated post
Terminal: Nickel/silver, gold
plated

S-50J PROBE



PLUNGER TIPS

All plunger tips offered
in the ICT-50J are also
available in the S-50J
Series

HOW TO ORDER:

SPRING CONTACT PROBE

ICT

SERIES

50J

SIZE

T

TIP
STYLE

5.6

SPRING
FORCE

DG

PLATING
OPTION

S

STEEL
PLUNGER
OPTION

SERIES:

ICT: High Performance
S: Standard Performance,
(No Bifurcated Beam)

SPRING FORCE:

4.0 oz. @ 4,32 travel
5.6 oz. @ 4,32 travel
7.0 oz. @ 4,32 travel
10.0 oz. @ 4,32 travel

RECEPTACLE

R

SERIES

50J

SIZE

CR

TERMINATION

016

POST
SIZE

TERMINATIONS:

CR: Crimp
SC: Solder Cup
WW: Wire Wrap

WT-EZ: Plug-In Terminal*

POST SIZE:

WW: 0.41 or 0.64

* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar
** For use with WT-EZ plug-in terminal

Specifications subject to change without notice. Dimensions in millimeters