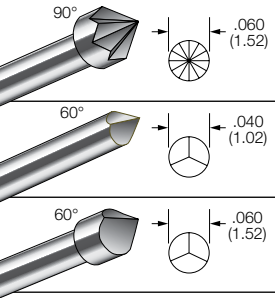


# S-100 Rotator .100 CENTERS

## BeCu PLUNGER TIPS



LM

S

T

## PROBE SPECIFICATIONS

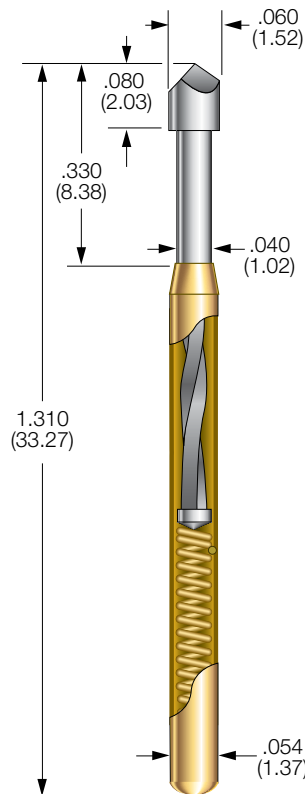
**Minimum Centers:** .100 (2.54)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 4.0, 5.5, 6.7, 8.0 or 10.0 oz. @ .170 (4.32) travel  
**Typical Resistance:** < 50 mΩ  
**Maximum Travel:** .220 (5.59)  
**Working Travel:** .170 (4.32)  
**Rotates:** 90° @ .170 (4.32) travel

Rated Force oz (g)	Preload oz (g)	Material
4.0 (113)	1.5 (43)	SS
5.5 (156)	2.0 (57)	SS
6.7 (190)	1.5 (43)	SS
8.0 (227)	2.8 (80)	MW
10.0 (283)	1.8 (51)	MW

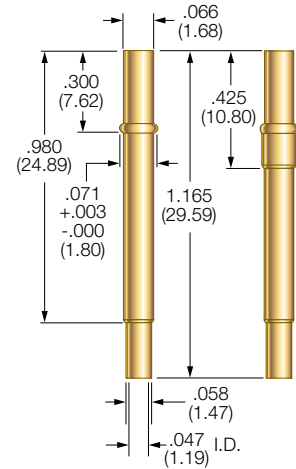
## MATERIALS

**Contact Barrel:** G2  
**Spring:** Music wire or stainless steel, gold plated  
**Plunger:** Beryllium copper, Duralloy™ plated  
**Receptacle:** Nickel/silver, gold plated; gold plated post

## S-100 ROTATOR



## R-100 Receptacle R Series RX Series



**Drill Size:** #50  
**Mounting Hole Size:** .068/.070 (1.73/1.78)  
**Recommended Wire:** 22-26 gage

## RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.189 (55.60)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.539 (64.49)	1.044 post length - .025 sq.

## HOW TO ORDER: SPRING CONTACT PROBE

**S** **100** **T** **4** **RT**  
 SERIES SIZE TIP STYLE SPRING FORCE ROTATOR

**SPRING FORCE:**  
 4.0 oz. @ .170 (4.32) TRAVEL  
 5.5 oz. @ .170 (4.32) TRAVEL  
 6.7 oz. @ .170 (4.32) TRAVEL  
 8.0 oz. @ .170 (4.32) TRAVEL  
 10.0 oz. @ .170 (4.32) TRAVEL

CRIMPING PLIERS: CPR100  
 INSERTION TOOL: RTR100

## RECEPTACLE

**R** **100** **WW** **429**  
 SERIES SIZE TERMINATION POST LENGTH

**SERIES:**  
**R:** HIGH PERFORMANCE  
**RX:** IMPROVED POINTING ACCURACY

**TERMINATIONS:**  
**CR:** CRIMP  
**SC:** SOLDER CUP  
**RP:** ROUND POST  
**WW:** WIRE WRAP

**POST LENGTH:**  
**WW:** 429, 694 or 1.044

VIEW UPDATES OF THIS INFORMATION AT [WWW.IDINET.COM](http://WWW.IDINET.COM)

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Smiths Interconnect:

[S-100-LM-8-RT](#) [S-100-T-6.7-RT](#) [S-100-T-8-RT](#) [S-100-LM-4-RT](#) [S-100-LM-6.7-RT](#) [S-100-T-10-RT](#) [S-100-LM-10-RT](#)  
[S-100-S-5.5-RT](#) [S-100-S-8-RT](#) [S-100-S-10-RT](#) [S-100-LM-5.5-RT](#)