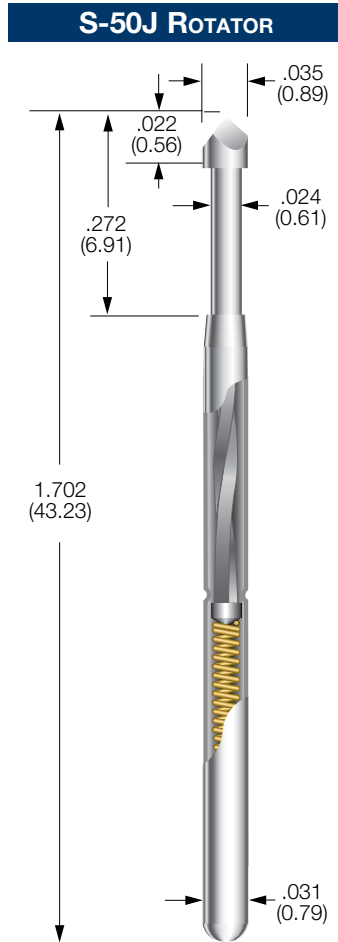
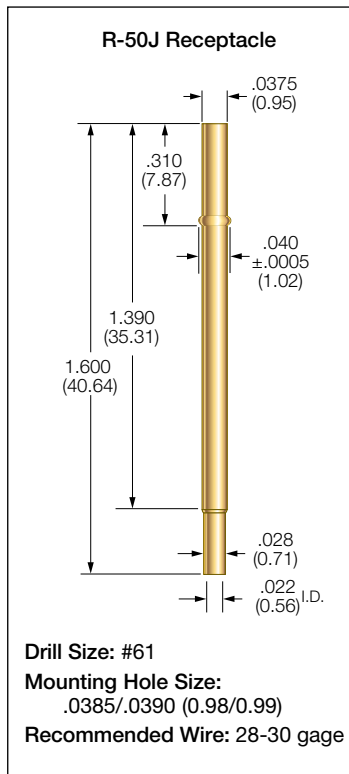


.050 Centers S-50J Rotator



PROBE SPECIFICATIONS

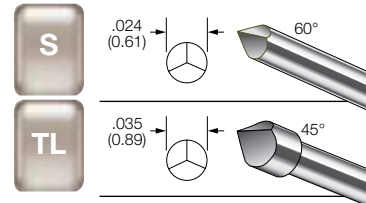
Minimum Centers: .050 (1.27)
Current Rating: 3 amps continuous
Spring Force: 3.6, 5.5, 7.0 or 10.0 oz. @ .170 (4.32) travel
Typical Resistance: < 25 mΩ
Maximum Travel: .250 (6.35)
Working Travel: .170 (4.32)
Rotates: 85° @ .170 (4.32) travel

Rated Force Preload		Material
oz. (g)	oz. (g)	
3.6 (102)	2.0 (57)	SS
5.5 (156)	2.9 (82)	MW
7.0 (198)	2.6 (74)	MW
10.0 (284)	2.6 (74)	MW

MATERIALS

Barrel: Nickel/silver, gold lined
Spring: Stainless steel or music wire, gold plated
Plunger: Beryllium copper, Duralloy™ plated
Receptacle: Beryllium copper, preplated gold, gold plated post
Plug-In Terminal: Beryllium copper, gold plated

BeCu PLUNGER TIPS



RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-50J-CR	Crimp	1.600 (40.64)	1.912 (48.56)	—
R-50J-SC	Solder Cup	1.600 (40.64)	1.912 (48.56)	—
R-50J-WW-016	Wire Wrap	1.850 (46.99)	2.162 (54.91)	.250 post length - .016 sq.
R-50J-WW-025	Wire Wrap	1.900 (48.26)	2.212 (56.18)	.300 post length - .025 sq.
R-50J-DS	DuraSeal®	1.600 (40.64)	1.912 (48.56)	30 gage wire, vacuum sealed*
R-50J-WT	Plug-In Receptacle	1.600 (40.64)	1.912 (48.56)	For use with FP-Plug plug-in terminal
FP-Plug	Plug-In Terminal	—	—	Plugs into R-50J-WT receptacle*

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

HOW TO ORDER: SPRING CONTACT PROBE

S	50J	TL	3.6	RT
SERIES	SIZE	TIP STYLE	SPRING FORCE	ROTATOR
SPRING FORCE: 3.6 oz. @ .170 (4.32) TRAVEL 5.5 oz. @ .170 (4.32) TRAVEL 7.0 oz. @ .170 (4.32) TRAVEL 10.0 oz. @ .170 (4.32) TRAVEL				
CRIMPING PLIERS: CPR50J INSERTION TOOL: RTR50J				

RECEPTACLE

R	50J	CR
SERIES	SIZE	TERMINATION
TERMINATIONS: CR: CRIMP SC: SOLDER CUP WW-016: WIRE WRAP .016 SQ WW-025: WIRE WRAP .025 SQ		
DS: DURASEAL* WT: PLUG-IN RECEPTACLE**		
* UNLESS OTHERWISE SPECIFIED, WIRE LENGTH 36", STRIP LENGTH 1", 30 GAGE KYNAR. 12" & 36" STANDARD.		
**FOR USE WITH FP-PLUG PLUG-IN TERMINAL. 12" & 36" STANDARD.		

VIEW UPDATES OF THIS INFORMATION AT 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:

IDI:

[S-50J-TL-3.6-RT](#) [S-50J-TL-5.5-RT](#) [S-50J-TL-10-RT](#) [S-50J-TL-7-RT](#) [S-50J-S-3.6-RT](#) [S-50J-S-5.5-RT](#) [S-50J-S-7-RT](#)
[S-50J-S-10-RT](#)