



PROBE SPECIFICATIONS

Minimum Centers: .050 (1,27)
 Current Rating: 3 amps continuous
 Spring Force: 2.9, 3.3 or 5.1 oz. @ .050 (1,27) travel
 Typical Resistance : <35 mΩ
 Maximum Travel: .050 (1,27)
 Working Travel: .050 (1,27)

Rated Force oz (gms)	Preload oz (gms)	Material
2.9 (82)	1.1 (31)	BeCu
3.3 (94)	1.7 (48)	SS
5.1 (145)	1.5 (42)	MW

MATERIALS

Barrel: Nickel/silver, gold plated
 Spring: Beryllium copper, stainless steel or music wire, gold plated
 Plunger: Full-hard beryllium copper, gold plated over nickel or optional Duralloy™
 Receptacle: Nickel/silver, gold plated, gold plated post
 Plug-In Terminal: Beryllium copper, gold plated

BEcu PLUNGER TIPS

A	.035 (0,89)	90°
B	.021 (0,53)	30°
B9	.021 (0,53)	90°
C	.021 (0,53)	
D	.035 (0,89)	
E	.035 (0,89)	90°
ES	.046 (1,17)	90°
G	.021 (0,53)	90°
H	.035 (0,89)	
J	.021 (0,53)	
JS	.016 (0,41) .021 (0,53)	
T6	.035 (0,89)	60°
T4	.035 (0,89)	45°
U	.021 (0,53)	
UT	.011 (0,28) .021 (0,53)	
V	.035 (0,89)	

RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
RSS-50-CR	Crimp	0.697 (17,70)	0.807 (20,50)	—
RSS-50-SC	Solder Cup	0.697 (17,70)	0.807 (20,50)	—
RSS-50-WW-016	Wire Wrap	0.947 (24,05)	1.057 (26,85)	.250 post length - .016 sq.
RSS-50-WW-025	Wire Wrap	0.997 (25,32)	1.107 (28,12)	.300 post length - .025 sq.
RSS-50-PW	Preattached Wire*	0.697 (17,70)	.807 (20,50)	30 gage - non vacuum sealed
RSS-50-DS	Duraseal®*	0.697 (17,70)	.807 (20,50)	30 or 28 gage - vacuum sealed
RSS-50-WT	Plug-In Receptacle	0.697 (17,70)	.807 (20,50)	For use with WT-EZ terminal
WT-EZ	Plug-In Terminal*	—	—	Plugs into R-SS-50-WT receptacle

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

HOW TO ORDER: SPRING CONTACT PROBE RECEPTACLE

SS SERIES	50 SIZE	A TIP STYLE	2.9 SPRING FORCE	G PLATING OPTIONS	RSS SERIES	50 SIZE	CR TERMINATION
SERIES: SS: Standard SSX: Improved Pointing Accuracy		PLATING OPTIONS: G: Gold Plated Plunger D: Duralloy™ Plated Plunger		SERIES: RSS: High Performance RXSS: Improved Pointing Accuracy		TERMINATIONS: CR: Crimp SC: Solder Cup WW-016: Wire Wrap .016 sq WW-025: Wire Wrap .025 sq PW: Preattached Wire* DS: Duraseal* WT: Plug-In Receptacle** WT-EZ: Plug-In Terminal*	
SPRING FORCE: 2.9 oz. @ .050 (1,27) travel 3.3 oz. @ .050 (1,27) travel 5.1 oz. @ .050 (1,27) travel		CRIMPING PLIERS: CPSS50 INSERTION TOOL: RTSS50 WIRE PLUG TOOL: RTWT		* Unless otherwise specified, wire length 36", strip length 1", 30 gage Kynar ** For use with WT-EZ plug-in terminal			

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