

### PROBE SPECIFICATIONS

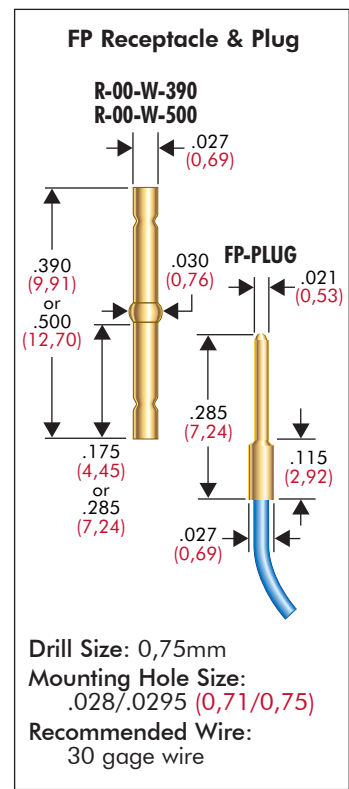
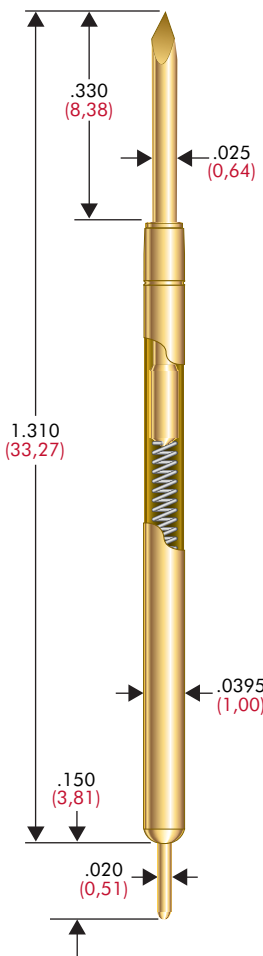
Minimum Centers: .050 (1,27)  
 Current Rating: 3 amps continuous  
 Spring Force: 5.0, 7.0 or 10.0 oz @ .170 (4,32) travel  
 Typical Resistance: <25 mΩ  
 Maximum Travel: .250 (6,35)  
 Working Travel: .170 (4,32)

Rated Force oz (gms)	Preload oz (gms)
5.0 (142)	2.0 (57)
7.0 (199)	2.9 (82)
10.0 (283)	3.3 (94)

### MATERIALS

Barrel: Nickel/silver, gold plated  
 Spring: Music wire, nickel plated  
 Plunger: Full-hard beryllium copper or steel, gold over nickel plated  
 Receptacle: Nickel/silver, gold plated  
 FP-Plug: Nickel/silver, gold plated

### FP-050 PROBE



For Information on Focal Probe fixturing, see page 107.

### RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-00-W-390	Receptacle	.390 (9,91)	1.700 (43,18)	
R-00-W-500	Receptacle	.500 (12,70)	1.810 (45,97)	
FP-Plug	Plug-in Terminal	.285 (7,24)	*	30 or 28 gage wire
R-0-WW-390	Wire Wrap	.640 (16,26)	1.950 (49,53)	.250 post length - .016 sq.
R-0-WW-500	Wire Wrap	.750 (19,05)	2.060 (52,32)	.250 post length - .016 sq.

\* FP-Plug adds an additional .115 (2,92) to the Probe/Receptacle combined length.

### HOW TO ORDER: SPRING CONTACT PROBE RECEPTACLE

<b>FP</b> SERIES	<b>050</b> SIZE	<b>SP</b> TIP STYLE	<b>5.0</b> SPRING FORCE	<b>G</b> PLATING OPTION	<b>S</b> STEEL PLUNGER OPTION	<b>R</b> SERIES	<b>00</b> SIZE	<b>W</b> TERMINATION	<b>390</b> LENGTH
<b>SPRING FORCE:</b> 5.0 oz. @ .170 (4,32) travel 7.0 oz. @ .170 (4,32) travel 10.0 oz. @ .170 (4,32) travel			<b>CRIMPING PLIERS:</b> CPWT CP00W-390 CP00W-500			<b>TERMINATIONS:</b> <b>W:</b> Receptacle* <b>WW:</b> Wire Wrap <b>FP-Plug:</b> Plug-in Terminal* * To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-PLUG-36-1			
			<b>INSERTION TOOL:</b> RT00 <b>PLUG-IN TOOL:</b> RTWT			<b>LENGTHS:</b> 390 or 500			

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