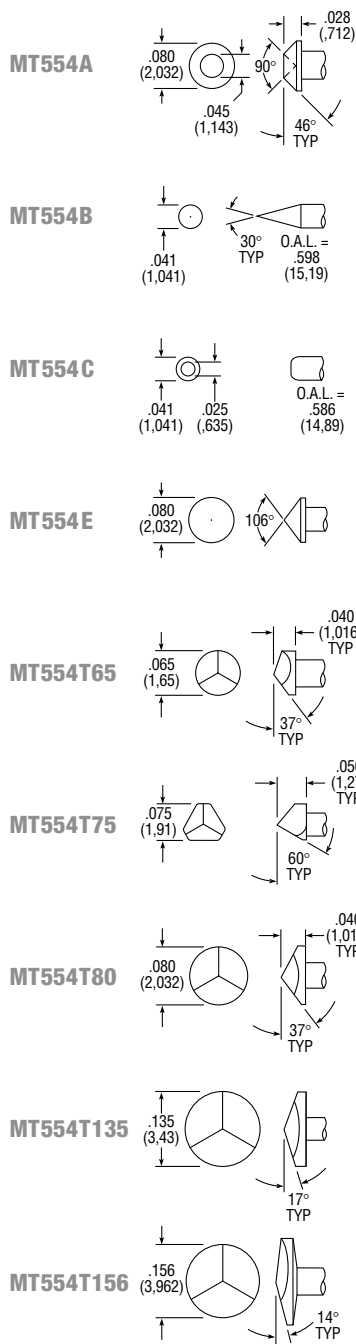
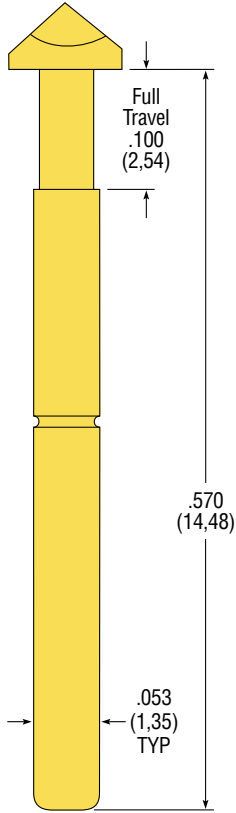


# MT554

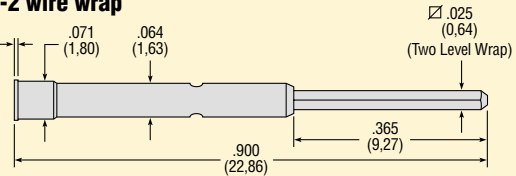
## Test Probes for use in Everett Charles Technologies Bare PCB Test Fixtures



## SPECIFICATIONS

PROBE SERIES	MT554
Test Centers	.100 (2,54), .156 (3,96), .187 (4,75)
Mechanical	
Max. Plunger Travel	.100 (2,54)
Recom. Working Travel	.075 (1,91)
Mechanical Life (cycles)	>2,000,000
Spring Pressure	
Light: initial	1.71 oz. (48g)
@ working travel	3.0 oz. (85g)
Heavy: initial	2.82 oz. (79,95g)
<b>-1</b> @ working travel	5.0 (141g)
Materials & Finishes	
Plunger	Hardened Beryllium Copper, Gold plated over Nickel plate
Barrel	Work hardened Phosphor Bronze, Gold plated (I.D. & O.D.) over Nickel plate
Spring	Stainless Steel, Silver plated
Operating Range (typical)	-55°C to + 150°C
Electrical	
Current Rating (static conditions)	3 amps
Avg. Resistance (mOHMS)	35
RECEPTACLE SERIES	MR554 (Uses Insertion Tool #MRT554-005)
Mounting Hole Size	.067/.069 (1,70/1,75)
Suggested Drill Size	#51 or 1,75 mm
Suggested Wire Gauge	26-30 AWG
Materials & Finishes	Nickel Silver, unplated
Termination	Wire wrap

### MR554-2 wire wrap



**ORDERING INFORMATION:** To order, specify tip style and spring pressure. Example: MT554C is a "C" tip with a light spring. For a heavy spring pressure, add -1 to the model number, i.e., MT554C-1.

Hole Diameters to be Contacted:	Recommended Test Centers
MT554A lands and pads	MT554 A, B, C, E, T65, T75, T80 .100 (2,54)
MT554B lands and pads	MT554 T135 .156 (3,96)
MT554C lands and pads	MT554 T156 .187 (4,75)
MT554E up to .073 (1,85)	
MT554T65 up to .058 (1,47)	
MT554T75 up to .070 (1,78)	
MT554T80 up to .073 (1,85)	
MT554T135 up to .125 (3,18)	
MT554T156 up to .150 (3,81)	

Specifications subject to change without notice.  
 Drawings not to scale.  
 Optional tip styles, spring pressures, and materials available, contact factory for more information.