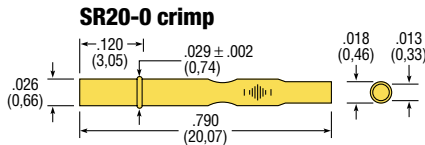
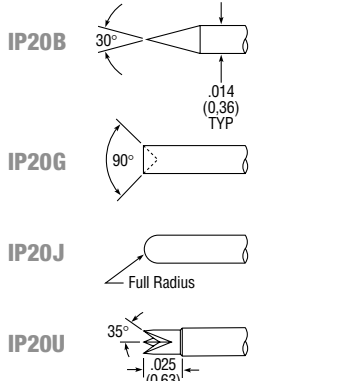
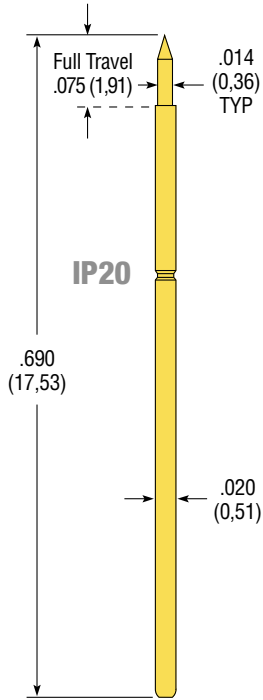
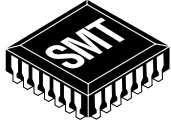
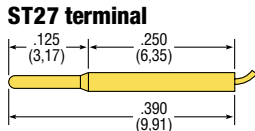
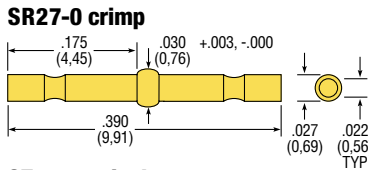
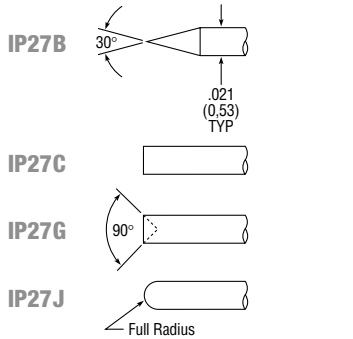
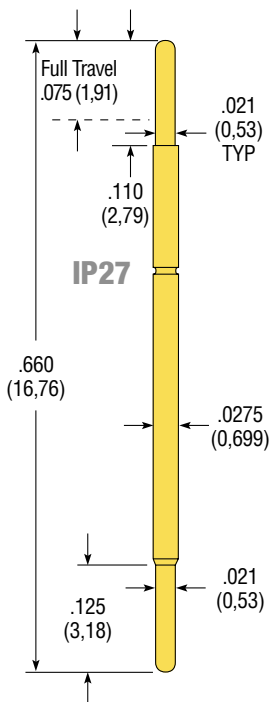


# IP20 IP27



**ORDERING INFORMATION:**  
To order, specify tip style. Example: IP20B is a "B" tip with a standard light spring pressure.



**ORDERING INFORMATION:**  
To order, specify tip style. Example: IP27C is a "C" tip with a standard light spring pressure.

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

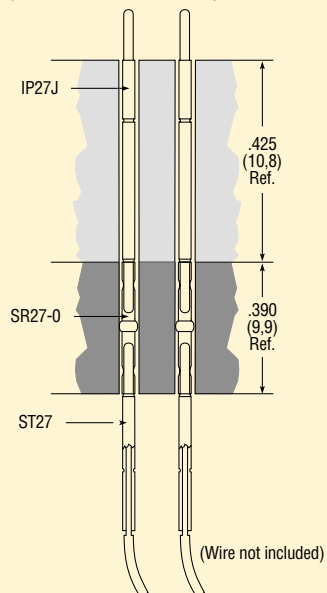
## Test Probes for Bare SMT and Substrate Testing

### SPECIFICATIONS

PROBE SERIES	IP20	IP27
Test Centers	.030 (0,762)	.039 (1,00)
Mechanical		
Max. Plunger Travel	.075 (1,91)	.075 (1,91)
Recom. Working Travel	.050 (1,27)	.050 (1,27)
Mechanical Life (cycles)	>250,000	>1,000,000
Spring Pressure		
Light: initial	.4 oz. (11g)	.8 oz. (23g)
@ working travel	1.4 oz. (40g)	1.8 oz. (51g)
Materials & Finishes		
Plunger	Hardened Beryllium Copper, Gold plated over Nickel plate	Hardened Beryllium Copper, Gold plated over Nickel plate
Barrel	Hardened Beryllium Copper, Gold plated (I.D. & O.D.) over Nickel plate	Work hardened Nickel Silver, Gold plated (I.D. & O.D.) over Nickel plate
Spring	Music Wire, Silver plated	Stainless Steel, Silver plated
Operating Range (typical)	-55°C to + 105°C	-55°C to + 150°C
Electrical		
Current Rating (static conditions)	2 amps	2 amps
Avg. Resistance (mOHMS)	50	35

RECEPTACLE SERIES	SR20	Uses Insertion Tool #T20-0	SR27	Uses Insertion Tool #T27-0
Mounting Hole Size	.0265/.0276 (0,67/0,70)		.0285/.0295 (0,72/0,75)	
Suggested Drill Size	0,70 mm		#69 or 0,75 mm	
Suggested Wire Gauge	30 AWG		28-30 AWG	
Materials & Finishes	Hardened Beryllium Copper, Gold plated (I.D. & O.D.) over Nickel plate		Work hardened Nickel Silver, Gold plated (I.D. & O.D.) over Nickel plate	
Terminations	Crimp		Crimp, terminal	

Pre-terminated receptacles available, contact factory for information.



(Wire not included)