

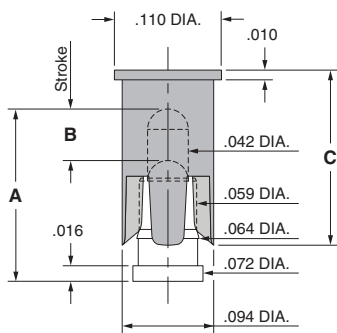
SPRING-LOADED CONNECTORS

SERIES 806 • REMOVABLE PICK & PLACE CAP, SPRING-LOADED PINS • SURFACE MOUNT

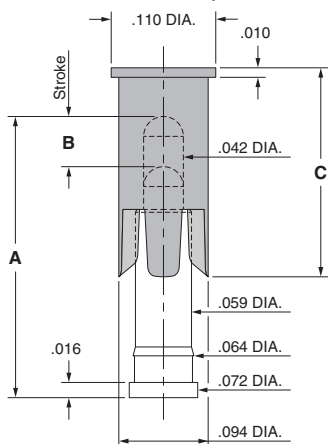


- Surface mount spring-loaded pins with removable pick & place cap are available in nine heights from .137" to .295" with a working travel of either .0195" or .0275"
- Spring pins used in this series are Mill-Max 0900-X and 0907-X (see page 23 for more details)
- The pick & place cap allows individual spring-loaded contacts to be packaged on tape and reel for automated assembly. The caps are easily removed after soldering leaving only the spring pin on the board.
- Pick & place cap material is high temperature thermoplastic suitable for most SMT soldering processes
- Supplied on 16 mm wide carrier tape, 13" reels; packaging per EIA-481. See below for ordering information

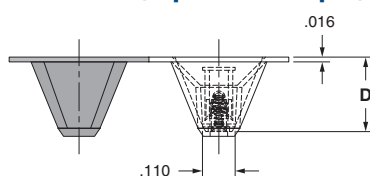
Series 806 (Contact Style 1,2,3,4,10,11)



Series 806 (Contact Style 12,13 & 14)



Series 806 (Tape Pocket Depth)



ORDERING INFORMATION

Series 806 (Tape & Reel Packaged)

806-22-001-30-0XX191

Specify contact style 1-4
Specify contact style 10-14

Contact Style	Initial Height (A)	Working Travel	Full Stroke Range (B)	Sleeve Height (C)	Tape Depth (D)	Quantity per Reel
1	.137	.0195	.030-.039	.180	.252	780
2	.155	.0195	.030-.039	.180	.252	780
3	.177	.0275	.050-.055	.180	.252	780
4	.197	.0275	.050-.055	.180	.252	780
10	.217	.0275	.050-.055	.220	.285	750
11	.236	.0275	.050-.055	.220	.285	750
12	.255	.0275	.050-.055	.220	.361	550
13	.275	.0275	.050-.055	.220	.361	550
14	.295	.0275	.050-.055	.220	.361	550

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 20 μ " gold over 100 μ " nickel
Spring (Contact style 1-14): Beryllium copper-plated 10 μ " gold
Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height (A) (Contact style 1-14): 25 grams
Spring force @ mid stroke (B/2) (Contact style 1-14): 60 grams
Durability: Up to 1,000,000 cycles

Electrical:

Current rating: 2A (continuous), 3A (peak) per contact
Contact resistance: 20m Ω max.
Insulation resistance: 10,000M Ω min.

RoHS-2
2011/65/EU



Mouser Electronics

Authorized Distributor

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[Mill-Max:](#)

[806-22-001-30-010191](#) [806-22-001-30-002191](#) [806-22-001-30-013191](#) [806-22-001-30-011191](#) [806-22-001-30-012191](#)