MAX solutions
MAXIMUM
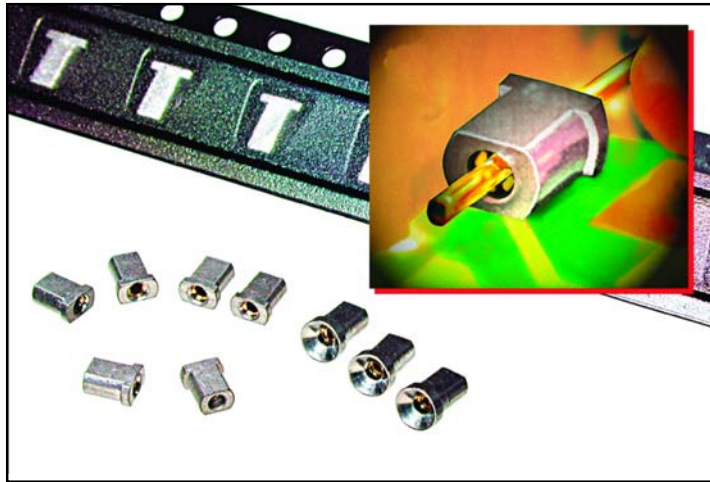
Mill-Max Surface Mount Receptacles

Pin receptacles are individual component lead (discrete) sockets primarily used for plugging and unplugging of components on pc boards. They are made by press-fitting a pre-tooled "multi-finger" contact into a precision machined shell.

Surface mount receptacles can be supplied on tape per EIA-481 for automated assembly with industry standard "pick and place" machines.

All receptacles utilize "multi-finger" beryllium copper inner contacts renowned for their greater compliancy and proven reliability.

Receptacles are available with various plating combinations: gold or tin contact and shell, or the economy of selective plating with a gold contact in a tin shell.

A sample of one of our surface mount receptacles is attached. Should you require additional information or samples of our many other receptacles, pins and terminals, please visit our website at www.mill-max.com/PR488. Our application engineers are also always available to help you. Please email them at techsupport@mill-max.com.

(7/09-451, 488, 491, 500)

MILL-MAX®

Maximum Interconnect Solutions

MILL-MAX®

PRECISION MACHINED PINS

3907

.100 DIA.
.084 DIA.
.043 DIA.
HOLE
.020
.083
.115
.080
.059
.060

3907-0-XX-XX-30-XX-10-0
Surface Mount.
#30 Contact for Ø.015-.025 pins.
Supplied on 12mm wide carrier tape,
4,000 per 13" reel, 1,000 per 7" reel.

5739

.108 DIA.
.084 DIA.
.043 DIA.
HOLE
.030
.110
.157
.059
.060

5739-0-XX-XX-12-XX-10-0
Surface Mount
#12 Contact for Ø.015-.022 pins.
Supplied on 16mm wide carrier tape,
3,000 per 13" reel only.

8806

.100 DIA.
.084 DIA.
.051 DIA.
HOLE
.020
.083
.115
.080
.059
.060

8806-0-XX-XX-47-XX-40-0
Surface Mount.
#47 Contact for Ø.025-.037 pins.
Supplied on 12mm wide carrier tape,
4,000 per 13" reel, 1,000 per 7" reel.

6628

.105 DIA.
.090 DIA.
.054 DIA.
HOLE
.020
.071
.200
.078
.057
.070

6628-0-XX-XX-18-XX-10-0
Surface Mount.
#18 Contact for Ø.037-.043 pins.
Supplied on 12mm wide carrier tape,
3,700 per 13" reel, 900 per 7" reel.

8206

.145 DIA.
.125 DIA.
.075
.127
.018
.180
.206
.100

8206-0-15-XX-34-XX-40-0
Surface Mount
#34 Contact for Ø.032-.046 pins.
Not available on tape & reel.

4064

.156 DIA.
.140 DIA.
.078 DIA.
HOLE
.020
.200
.162
.114
.090
.107

4064-0-XX-XX-03-XX-40-0
Surface Mount
#03 Contact for Ø.040-.060 pins.
Supplied on 16mm wide carrier tape,
2,400 per 13" reel only.

SPECIFICATIONS:

SHELL MATERIAL:
Brass Alloy 360, 1/2 Hard

CONTACT MATERIAL:
Beryllium Copper Alloy 172, HT

DIMENSION IN INCHES
TOLERANCES ON:
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ± 2°

ORDER CODE: XXXX - X - XX - XX - XX - XX -XX - 0

BASIC PART #
SPECIFY PACKAGING:
18 = DISCRETE
55 = 7" REEL
57 = 13" REEL

SPECIFY SHELL FINISH:
01 200µ" TIN/LEAD OVER NICKEL
80 200µ" TIN OVER NICKEL

CONTACT TYPE:
#12, #30, #47, #18, #03 or #34
(DATA ON PAGES 206-214)

SPECIFY CONTACT FINISH:
27 30µ" GOLD OVER NICKEL

01 200µ" TIN/LEAD or **02** 100µ" TIN/LEAD OVER NICKEL
80 200µ" TIN   or   **84** 100µ" TIN OVER NICKEL

Use with **#12** & **#30** Contacts Only

RoHS
2002/95/EC