

# New Product

## Surface Mount

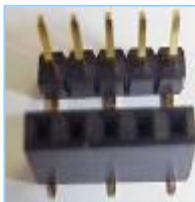
### Pin Headers & PCB Sockets

Amphenol

*Now you're connected!*

#### About Amphenol Commercial Products

Amphenol's commercial connector products are used in a variety of end user applications including networking, telecom, server & computer, storage & HDD, consumer electronics and entertainment, professional audio & Industrial.



#### Description

The Amphenol surface mount Pin Headers and PCB Sockets are designed for board to board and board to cable interconnect, with single or dual row.

They are available with :

1,27mm pitch .

2.0mm pitch.

2,54mm pitch.

offering a large number of positions per row with different housing heights and contact lengths.

#### Applications

The Amphenol surface mount Pin Headers and PCB Sockets meet a large variety of needs in telecom and industrial equipments, computer, automotive.

Product series .

T802M : Pin Header 1,27mm pitch SMT single & dual row

T809M : PCB Socket 1,27mm pitch SMT single & dual row

T804M : Pin Header 2mm pitch SMT single & dual row

T827M : PCB Socket 2mm pitch SMT single & dual row

T800M : Pin Header 2,54mm pitch SMT single & dual row

T808M : PCB Socket 2,54mm pitch SMT single & dual row

#### Electrical Properties

Current rating :

\* Pitch 1,27mm : 1 A

\* Pitch 2,0mm : 1,5 A

\* Pitch 2,54mm : 3 A

Contact resistance : 20mΩ Max

Insulation resistance : 1000M Ω Min

Withstanding voltage : 500V AC

Operatin temperature : -40°C to +105°C

#### Mechanical Properties

Socket contact : Phospor bronze

Pin contact : Brass

Plastic material : High temperature thermoplastic UL 94 V0

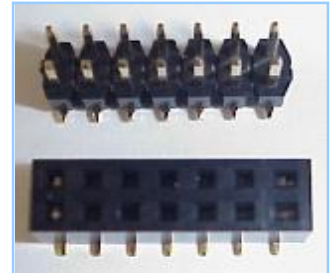
Contact plating : Au or Sn over Ni

#### Available Documents

Drawing

Product Specification

Test Report



2.54 mm - T800M – T808M Series



1.27mm - T802M – T809M Series



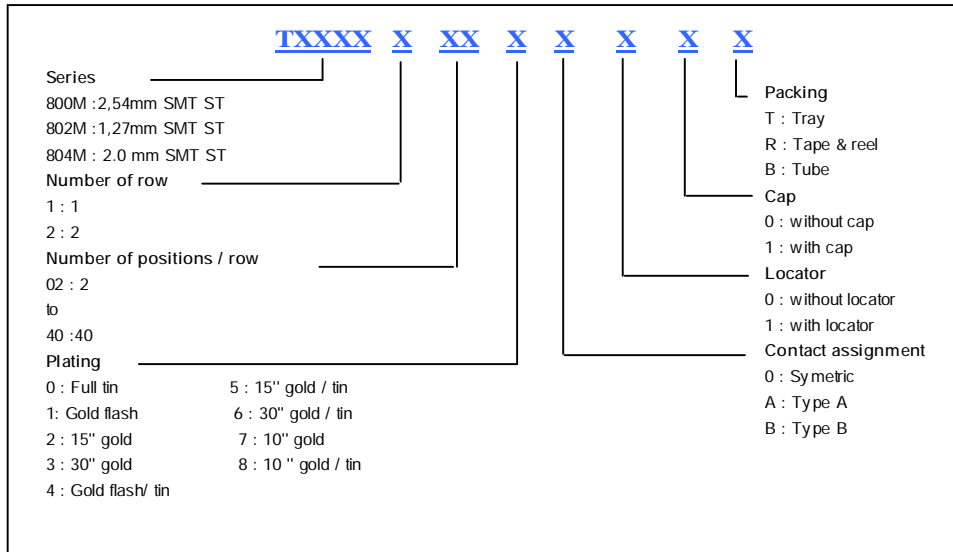
2mm - T804M – T827M Series

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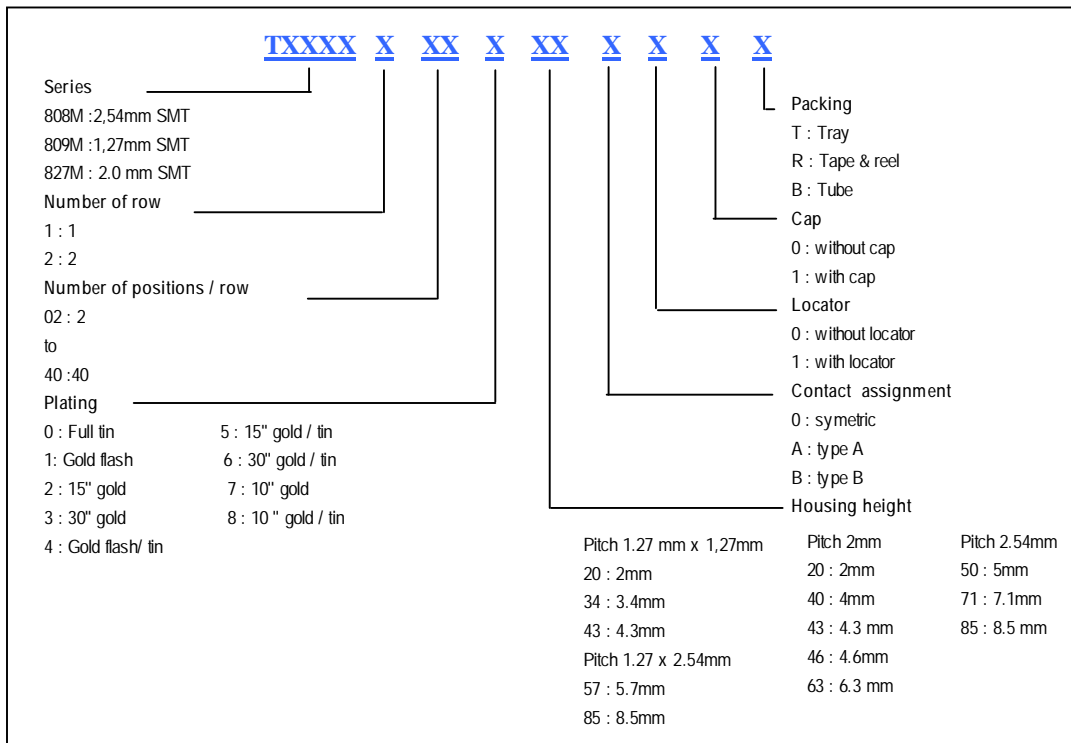
Now you're connected!

## Part Numbers

### Pin Header



### PCB Sockets



**Amphenol**

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