

# PRESS-FIT HEADERS & SOCKETS

(2.00 mm) .0787" PITCH • PTT/PTF SERIES



## PTT

### Mates:

PTF, ESQT, PTHF,  
SQW, SQT, SMM

## PTF

### Mates:

PTT, TMMH, TMM, MTMM,  
MMT, TW, LTMM, ZLTMM

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating:

2.9 A per pin  
(2 pins powered)

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

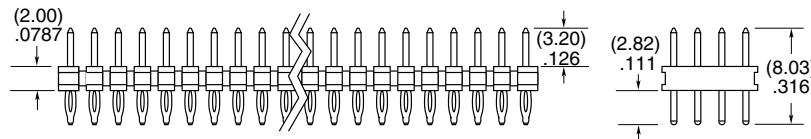
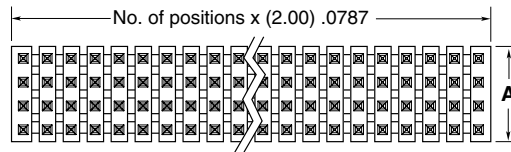
(2.67 mm) .105" to  
(3.56 mm) .140"

### Max Cycles:

100 with 30  $\mu$ " (0.76  $\mu$ m) Au

| PTT        | - | 1 | NO. PINS<br>PER ROW | - | 01 | -                                                                       | PLATING<br>OPTION | -                  | ROW<br>OPTION | -                                 | OPTION |
|------------|---|---|---------------------|---|----|-------------------------------------------------------------------------|-------------------|--------------------|---------------|-----------------------------------|--------|
| 02 thru 50 |   |   |                     |   |    | -L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold contact,<br>Matte Tin on tail |                   | -S<br>= Single Row |               | -"XXX"<br>= Polarized<br>Position |        |

| ROW<br>OPTION | A               |
|---------------|-----------------|
| -S            | (2.00)<br>.079  |
| -D            | (4.00)<br>.158  |
| -T            | (6.00)<br>.236  |
| -Q            | (8.00)<br>.314  |
| -5            | (10.00)<br>.393 |
| -6            | (12.00)<br>.472 |



## ALSO AVAILABLE

MOQ Required

Other Platings

| PTF        | - | 1 | NO. PINS<br>PER ROW | - | LEAD<br>STYLE | -                                                                       | PLATING<br>OPTION | -                                 | D | - | OPTION |
|------------|---|---|---------------------|---|---------------|-------------------------------------------------------------------------|-------------------|-----------------------------------|---|---|--------|
| 02 thru 50 |   |   |                     |   |               | -L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on post,<br>Matte Tin on tail |                   | -"XXX"<br>= Polarized<br>Position |   |   |        |

Specify  
LEAD  
STYLE  
from  
chart

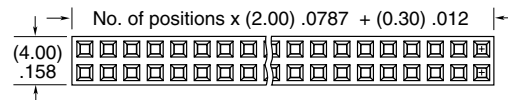
## TOOLING

### Press-Fit

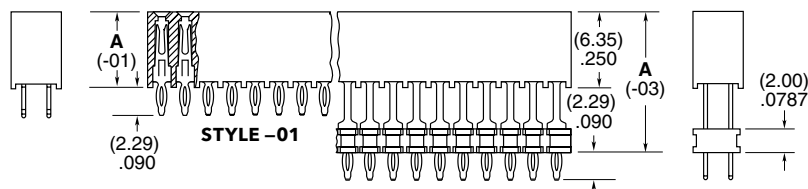
PHT: CAT-PT-PH-1XX-X-X

PHF: CAT-PT-PH-1XX-X-B

For more information,  
visit [www.samtec.com/tooling](http://www.samtec.com/tooling)



| LEAD<br>STYLE | A           |
|---------------|-------------|
| -01           | (6.35) .250 |
| -03           | (9.14) .360 |



### Note:

Some lengths, styles and  
options are non-standard,  
non-returnable.

[samtec.com?PTT](http://samtec.com?PTT) or [samtec.com?PTF](http://samtec.com?PTF)

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Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.