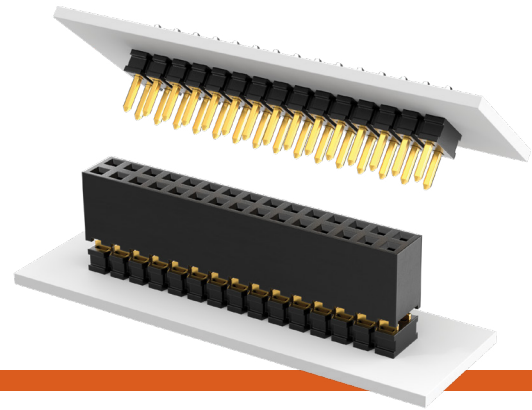


# PRESS-FIT HEADERS & SOCKETS

(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

### Operating Temp Range:

-55 °C to +125 °C

### Current Rating:

4.5 A per pin  
(2 pins powered)

### Voltage Rating:

250 VAC/354 VDC

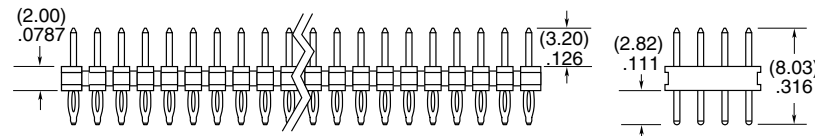
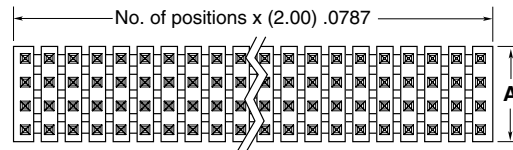
### Insertion Depth:

(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<br><br>-D<br>= Double Row<br><br>-T<br>= Triple Row<br><br>-Q<br>= Four Row<br><br>-5<br>= Five Row<br><br>-6<br>= Six 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

Contact Samtec

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

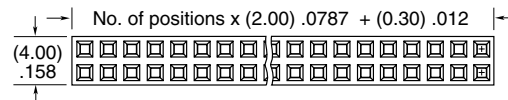
## TOOLING

### Press-Fit

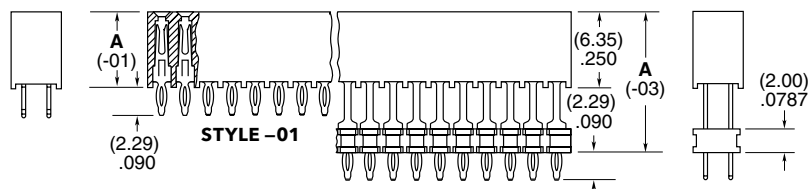
PHT: CAT-PT-PH-1XX-X-X

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 |



STYLE -03

### Note:

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