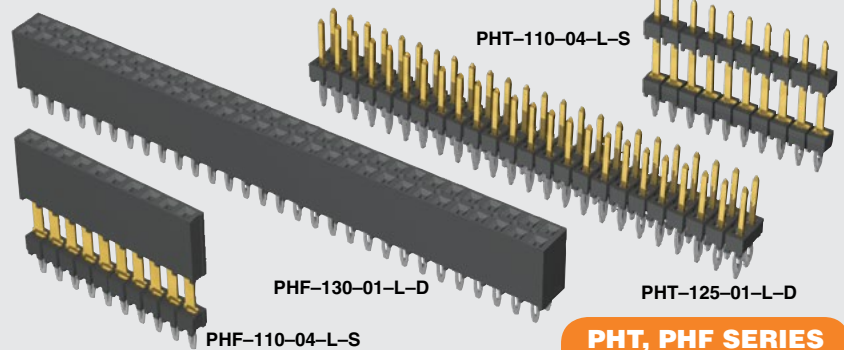


(2.54 mm) .100"



PHT, PHF SERIES

# PRESS-FIT HEADERS & SOCKETS

## PHT Board Mates:

SSW, SSQ, ESW,  
ESQ, BCS, BSW,  
CES, SLW, PHF, SSM

## PHT Cable Mates:

IDSD, IDSS

## PHF Board Mates:

TSW, MTSW, MTLW,  
EW, ZW, TSS, ZSS,  
TSM, TSSH, PHT, DW, HW

## SPECIFICATIONS

For complete specifications  
see [www.samtec.com?PHT](http://www.samtec.com?PHT)  
or [www.samtec.com?PHF](http://www.samtec.com?PHF)

### Insulator Material:

Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating (PHT/PHF):

4.8 A per pin

(2 pins powered)

### Operating Temp Range:

-55 °C to +125 °C with Gold

### (PHF) Insertion Depth:

(3.68 mm) .145" to

(6.35 mm) .250"

## PROCESSING

Contact [ipg@samtec.com](mailto:ipg@samtec.com)

## RECOGNITIONS

For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)

## ALSO AVAILABLE (MOQ Required)

- Other platings

## 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)

### Note:

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

**PHT** — **1** **NO. PINS PER ROW** — **LEAD STYLE** — **PLATING OPTION** — **ROW OPTION** — **OTHER OPTION**

**01**  
= (single row only)

**02 thru 50**

Specify **LEAD STYLE** from chart

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m)  
Gold on post,  
Matte Tin on tail

**-S**  
= Single Row

**-D**  
= Double Row

**-“XXX”**  
= Polarized Position

| LEAD STYLE | A            |
|------------|--------------|
| -01        | (2.54) .100  |
| -02        | (5.08) .200  |
| -03        | (7.62) .300  |
| -04        | (10.16) .400 |

**PHF** — **1** **NO. PINS PER ROW** — **LEAD STYLE** — **PLATING OPTION** — **ROW OPTION** — **OTHER OPTION**

**01**  
= (single row only)

**02 thru 50**

Specify **LEAD STYLE** from chart

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m)  
Gold on contact,  
Matte Tin on tail

**-S**  
= Single Row

**-D**  
= Double Row

**-“XXX”**  
= Polarized Position

| LEAD STYLE | A            |
|------------|--------------|
| -01        | (8.50) .335  |
| -02        | (11.05) .435 |
| -03        | (13.59) .535 |
| -04        | (16.13) .635 |

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.