



(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 μm (1.27 μm) 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"  
**RoHS Compliant:**  
Yes

## 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)



FILE NO. E111594

## 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 μm (0.25 μm)  
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 μm (0.25 μm)  
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.