



(2,54 mm) .100"

PHT, PHF SERIES

# PRESS FIT HEADERS & SOCKETS

**PHT Mates with:**

SSW, SSQ, ESW, ESQ, BCS, BSW, IDSD, IDSS, CES, SLW, PHF, SSM, CLH, SMSD, SMSS

**PHF Mates With:**

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 50µ" (1,27 µm) Ni

**Current Rating (PHT/PHF):** 4.8 A per pin (1 pin powered per row)  
**Operating Temp Range:** -55°C to +125°C with Gold (PHF) Contact Resistance: 10 mΩ

**(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)



**ALSO AVAILABLE (MOQ Required)**

- Other platings Contact Samtec.

**TOOLING**

- Press fit tooling Contact Samtec.

**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** = 10µ" (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** = 10µ" (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