



(2.54 mm) .100"

PHT, PHF SERIES

PRESS-FIT HEADERS & SOCKETS

PHT Board Mates:

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

PHT Cable Mates:

IDSD, IDSS, SMSD, SMSS

PHF Board Mates:

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

SPECIFICATIONS

For complete specifications see www.samtec.com?PHT or 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

(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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

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 = 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