



(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

(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

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

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

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.