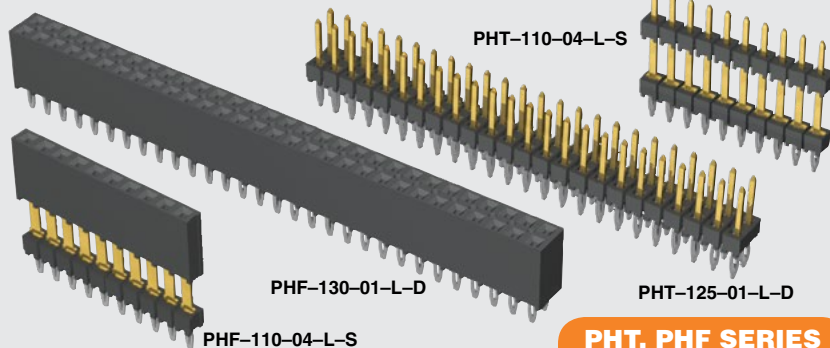




PHT, PHF SERIES

PRESS-FIT HEADERS & SOCKETS

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

Plating:
Au or Sn over
50 μ " (1.27 μ 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"

RV[®]
FILE NO. E111594

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

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

PHT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
			Specify LEAD STYLE from chart	$-L$ = $10\ \mu$ " ($0.25\ \mu\text{m}$) Gold on post, Matte Tin on tail	$-S$ = Single Row $-D$ = Double Row	$-“XXX”$ = Polarized Position

01
 = (single row only)

02 thru 50

The technical drawing illustrates the dimensions and lead styles for the connector. Key dimensions include:

- Pin Dimensions:** Pin diameter is $(0.31) \pm .012$. Pin length is $(3.10) \pm .122$. Pin base diameter is $(0.64) \pm .025$ SQ.
- Lead Dimensions:** Lead length is $(5.84) \pm .230$. Lead diameter is $(1.19) \pm .047$. Lead base diameter is $(0.31) \pm .012$.
- Assembly Dimensions:** Total length is $(2.49) \pm .098$. Total width is $(5.02) \pm .198$. Total height is $(10.16) \pm .400$.
- Lead Styles:** Styles -01, -02, -03, and -04 are shown. Style -01 is a single row. Styles -02, -03, and -04 are double rows.

PHF

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

ROW OPTION

OTHER OPTION

01
 = (single row only)

02 thru 50

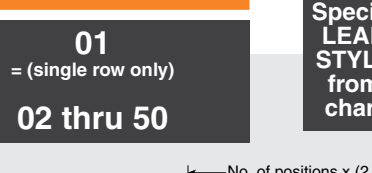
Specify LEAD STYLE from chart

—L
 = 10 μ" (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