

FHP-17-01-T-S

FHP-12-02-T-S

FHP SERIES

(3.96 mm) .156"

POWER SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FHP

Insulator Material: Black LCP

Contact Material: BeCu

Plating: Sn over 50 μ" (1.27 μm) Ni

Operating Temp Range: -55 °C to +105 °C

Voltage Rating: 600 VAC/845 VDC

Insertion Depth: (3.57 mm) .140" to (8.76 mm) .345" or pass-through from top

Wiping Distance: (0.38 mm) .015"

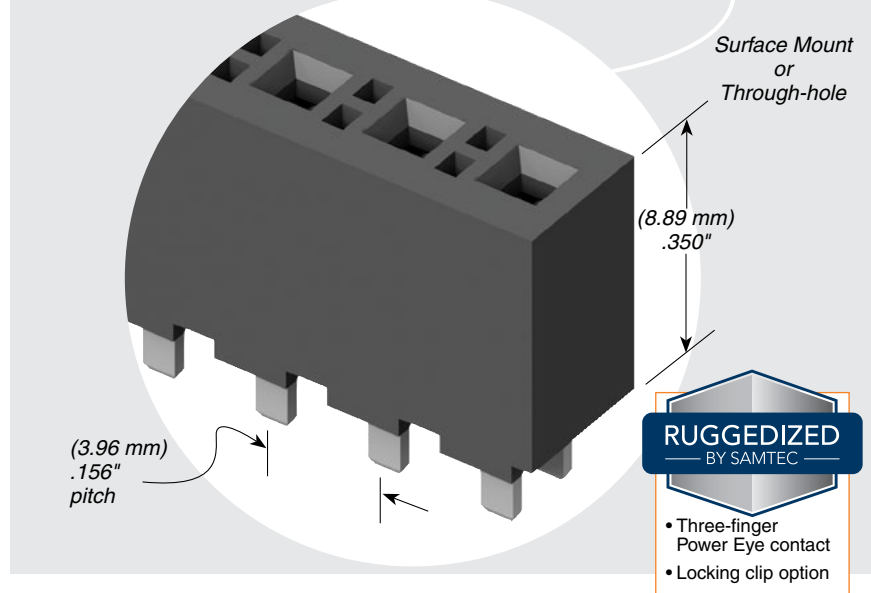
Standard Creepage: (1.74 mm) .069" (without -LC) (0.89 mm) .035" (with -LC)

Standard Clearance: (1.39 mm) .055" (without -LC) (0.59 mm) .023" (with -LC)

RoHS Compliant: Yes

Mates with: FWJ, HFWJ, JW

FHP/HFWJ	
PINS	CURRENT RATING (PER CONTACT)
1	13.1 A
2	11.2 A
3	10.3 A
4	9.2 A
24	6.7 A



RUGGEDIZED BY SAMTEC

- Three-finger Power Eye contact
- Locking clip option

PROCESSING

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0.15 mm) .006" max*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



CREEPAGE AND CLEARANCE

Selectively loading contacts achieves customer specific creepage and clearance requirements. Contact asp@samtec.com

ALSO AVAILABLE (MOQ Required)

- Alignment pins

Note: Some lengths, styles and options are non-standard, non-returnable.

FHP — **NO. OF PINS PER ROW** — **LEAD STYLE** — **PLATING OPTION** — **S** — **OTHER OPTION**

02 thru 24

-01 = Through-hole
-02 = Surface Mount

-T = Matte Tin

-LC = Locking Clip (Manual placement required) (-02 lead style only)

-K = (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (2-4 positions require -TR) (-02 lead style only)

-TR = Tape & Reel Packaging (Available on positions 2-18) -02 lead style only

Dimensions shown in drawings:
 -01: (2.59) .102, (2.46) .097, (0.46) .018
 -02: (1.14) .045
 -LC: (1.42) .056, (0.94) .037
 -TR: (7.11) .280, (9.35) .368
 General: (5.08) .200, (3.96) .156, (8.89) .350

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

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