

(3.96 mm) .156"

FHP SERIES

# POWER SOCKETS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FHP](http://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

**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)

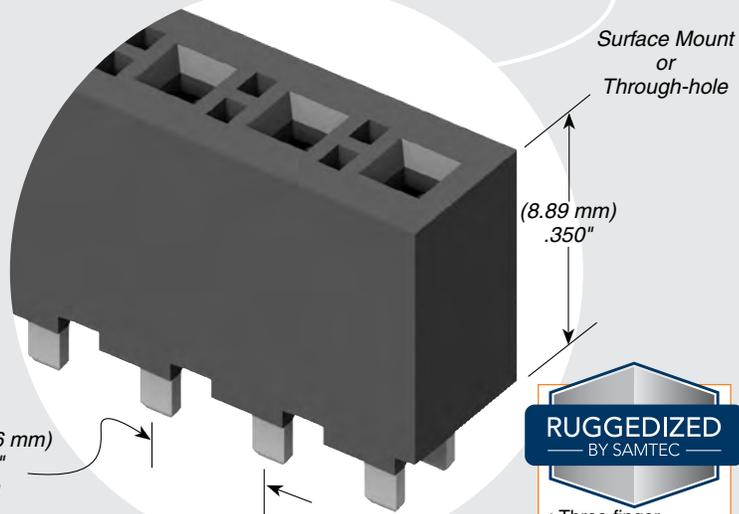
**RoHS Compliant:** Yes

Mates with: FWJ, HFWJ, JW

**POWER EYE CONTACT**



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



**RUGGEDIZED**  
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- Three-finger Power Eye contact
- Locking clip option

## PROCESSING

**Lead-Free Solderable:** Yes

**SMT Lead Coplanarity:** (0.10 mm) .004" max

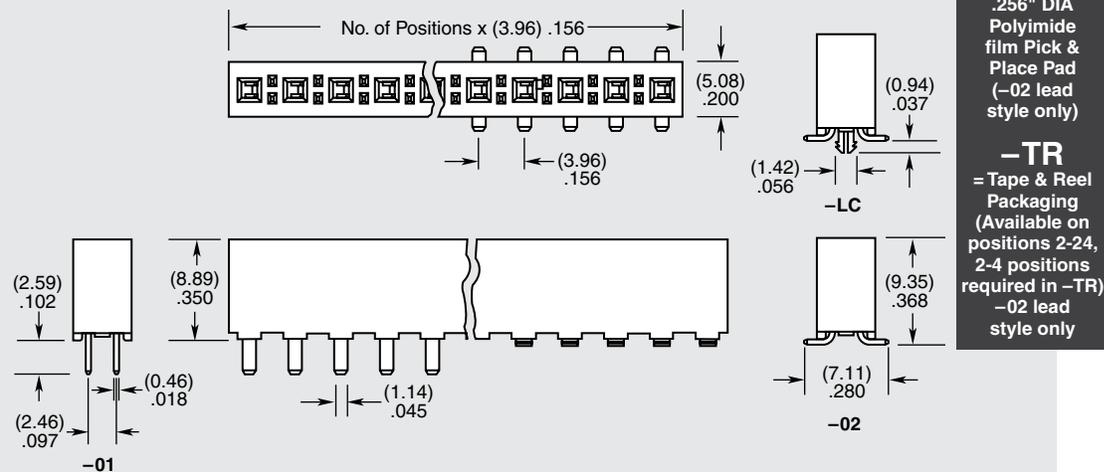
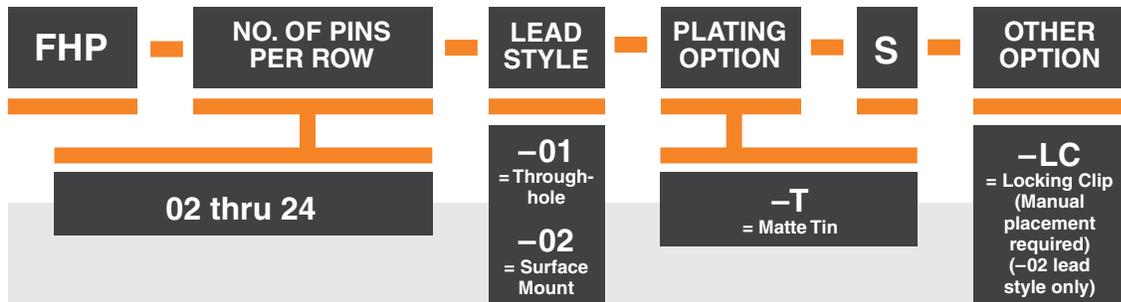
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Alignment pins
  - Increased creepage and clearance with the removal of contacts
- Contact Samtec.



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