

(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 50µ" (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"

**Insertion Force:** (Single contact only) 56 oz (15,57 N) avg.

**Withdrawal Force:** (Single contact only) 52 oz (14,46 N) avg.

**RoHS Compliant:** Yes

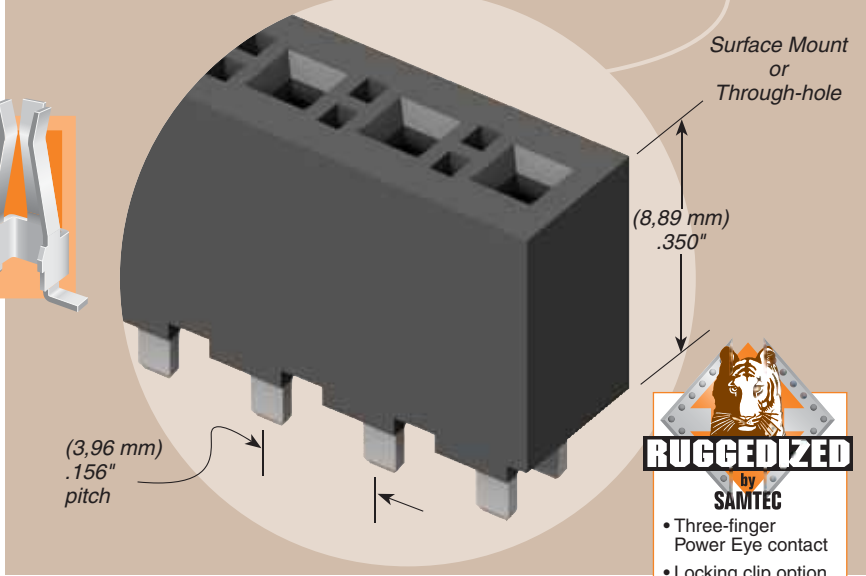
**Processing:** Lead-Free Solderable: Yes

**SMT Lead Coplanarity:** (0,10 mm) .004" max

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
ALL	6.7 A



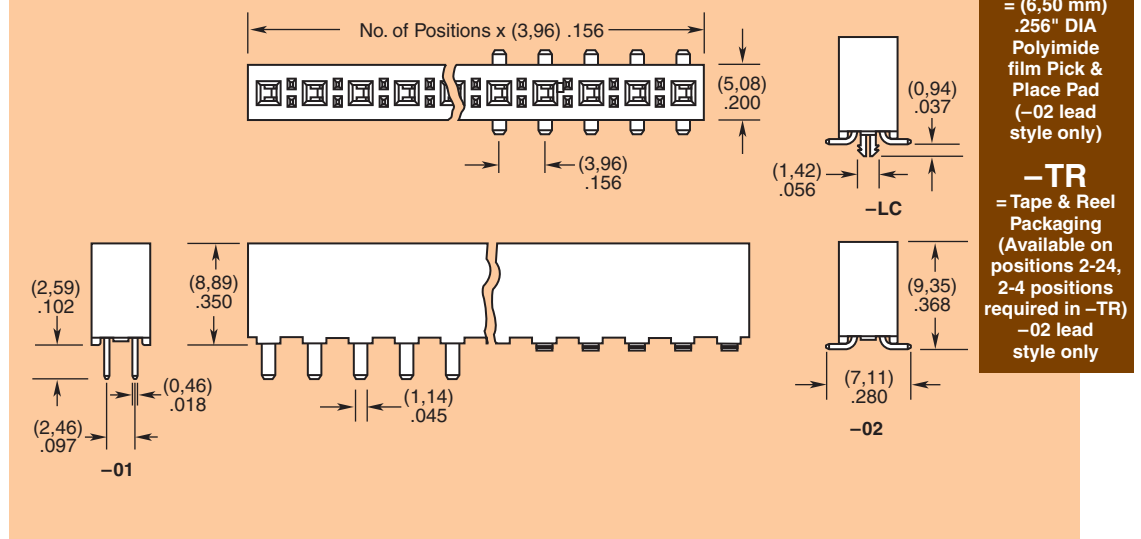
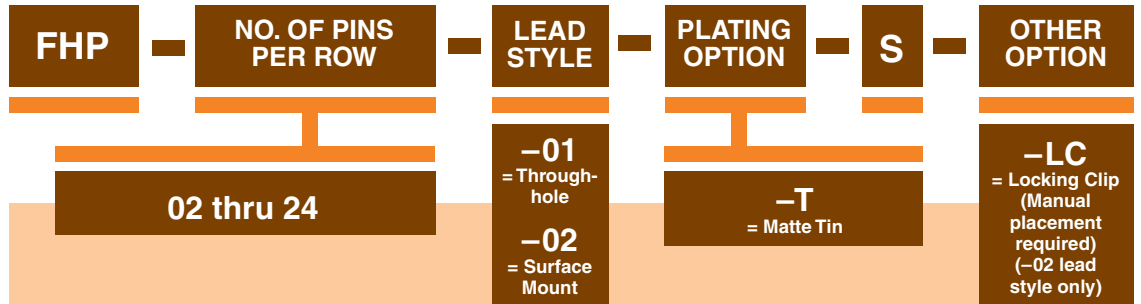
## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- Alignment pins
- Contact Samtec.



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

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

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