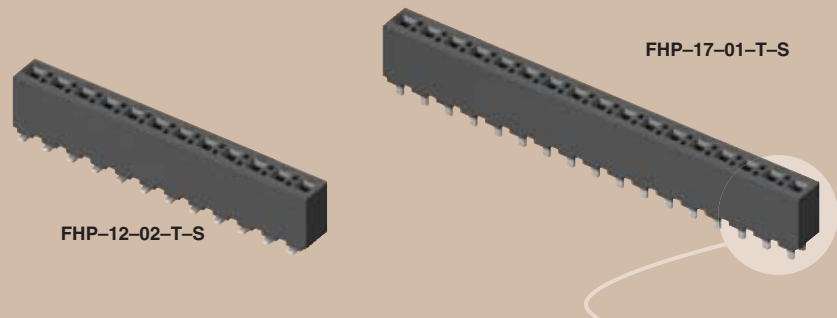


(3,96mm) .156"

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" (1.27µm) Ni

**Insertion Depth:** (3,57mm) .140" to (8,76mm) .345" or pass-through from top

**Wiping Distance:** (0,38mm) .015"

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

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

**RoHS Compliant:** Yes

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

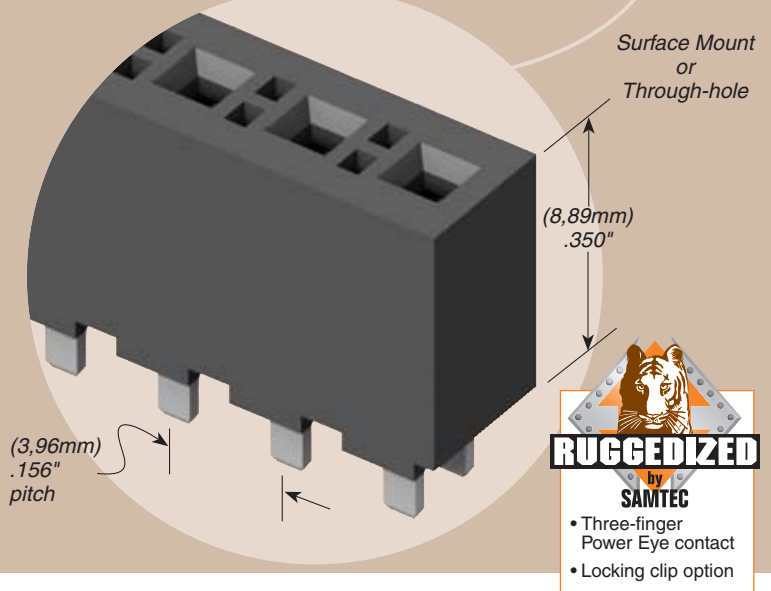
**SMT Lead Coplanarity:** (0,10mm) .004" max



Mates with:  
FWJ, HFJWJ,  
JW

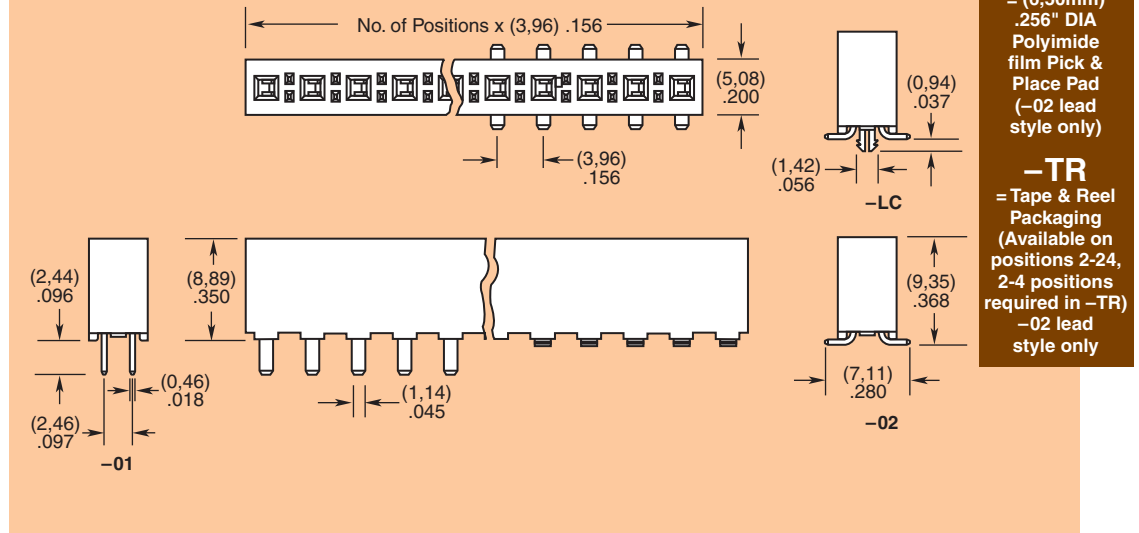
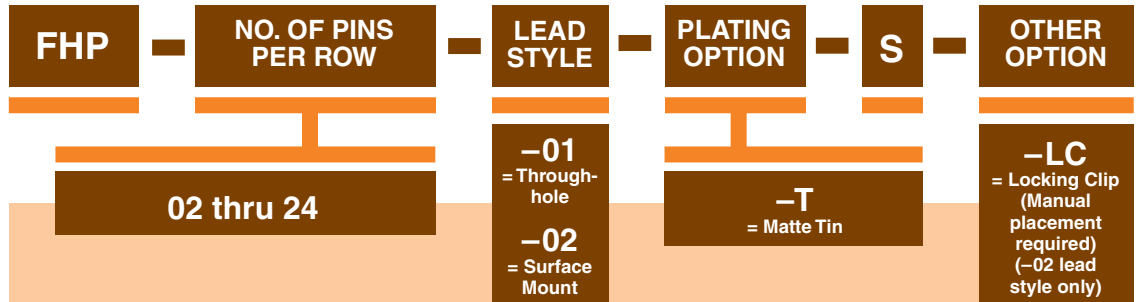


AMBIENT TEMP	CURRENT RATING	
	FHP/HFWJ 2 PINS	FHP/HFWJ 4 PINS
20°C	19.5A	15.5A
40°C	17A	14A
60°C	14A	11.5A
75°C	11.2A	9.2A



## APPLICATION SPECIFIC OPTION

Alignment pins available. Call 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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)