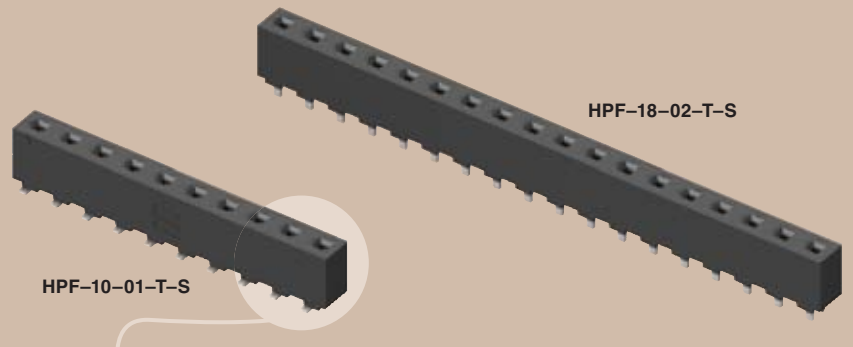


(5,08mm) .200"

HPF SERIES



# POWER SOCKETS

## SPECIFICATIONS

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

**Insulator Material:**

Black LCP

**Contact Material:**

BeCu

**Plating:** Sn over

50µ" (1,27µm) Ni

**Insertion Depth:**

(3,68mm) .145" to (8,26mm)

.325" (.368" (9,35mm) plus

board thickness minimum for

bottom entry)

**Wiping Distance:**

(0,38mm) .015"

**Insertion Force:**

(Single contact only)

56oz (15,57N) avg.

**Withdrawal Force:**

(Single contact only)

52oz (14,46N) avg.

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

(0,15mm) .006" max (02-10)

(0,20mm) .008" max (11-20)

**RoHS Compliant:**

Yes

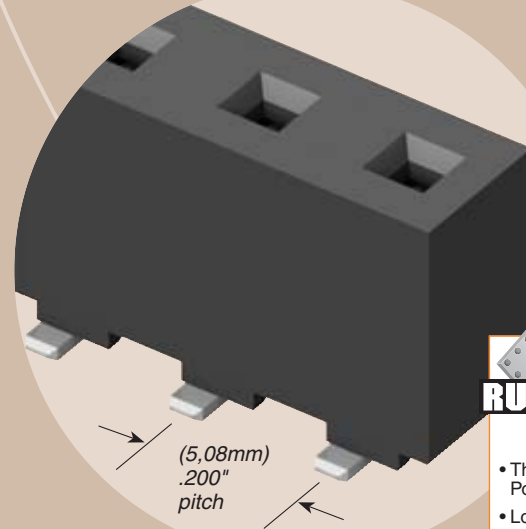


Mates with:  
HPM, HPW

POWER  
EYE  
CONTACT



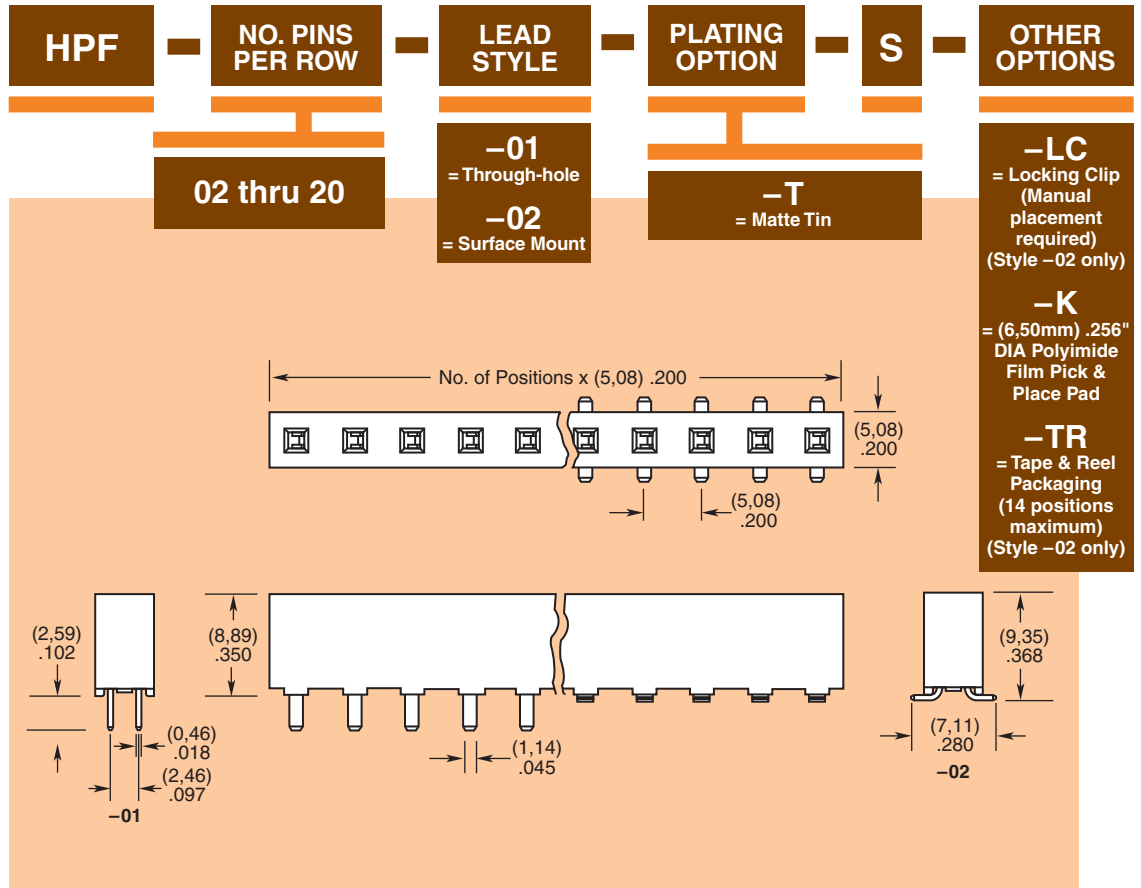
AMBIENT TEMP	CURRENT RATING	
	HPM/HPF 2 PINS	HPM/HPF 4 PINS
20°C	25A	22A
40°C	24A	19A
60°C	17A	15.5A
75°C	14.4A	12.7A



Surface Mount  
or  
Through-hole

**RUGGEDIZED**  
by SAMTEC

- Three-finger Power Eye contact
- Locking clip option



**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)