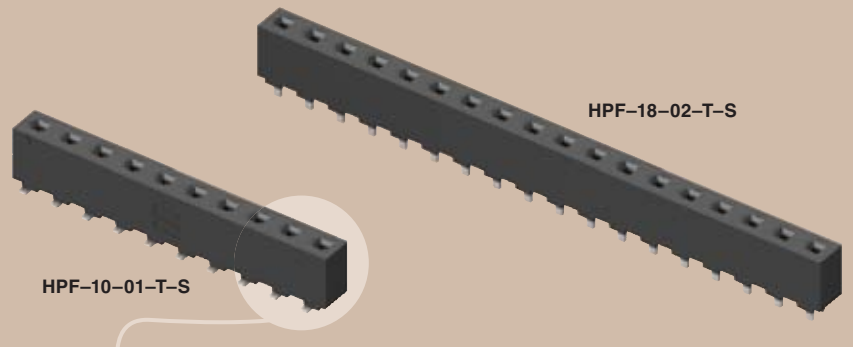


(5,08mm) .200"

HPF SERIES



POWER SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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

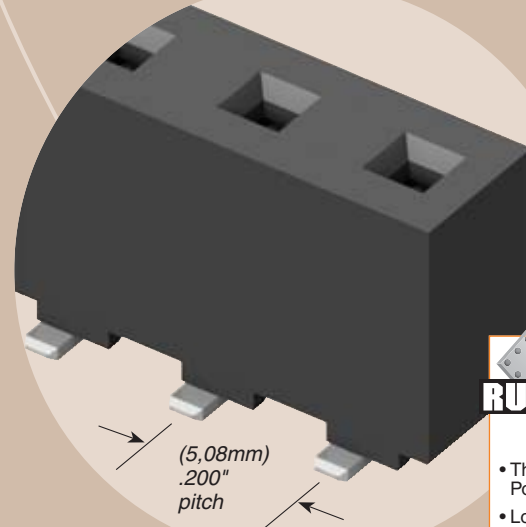


Mates with:
HPM, HPW

POWER EYE CONTACT



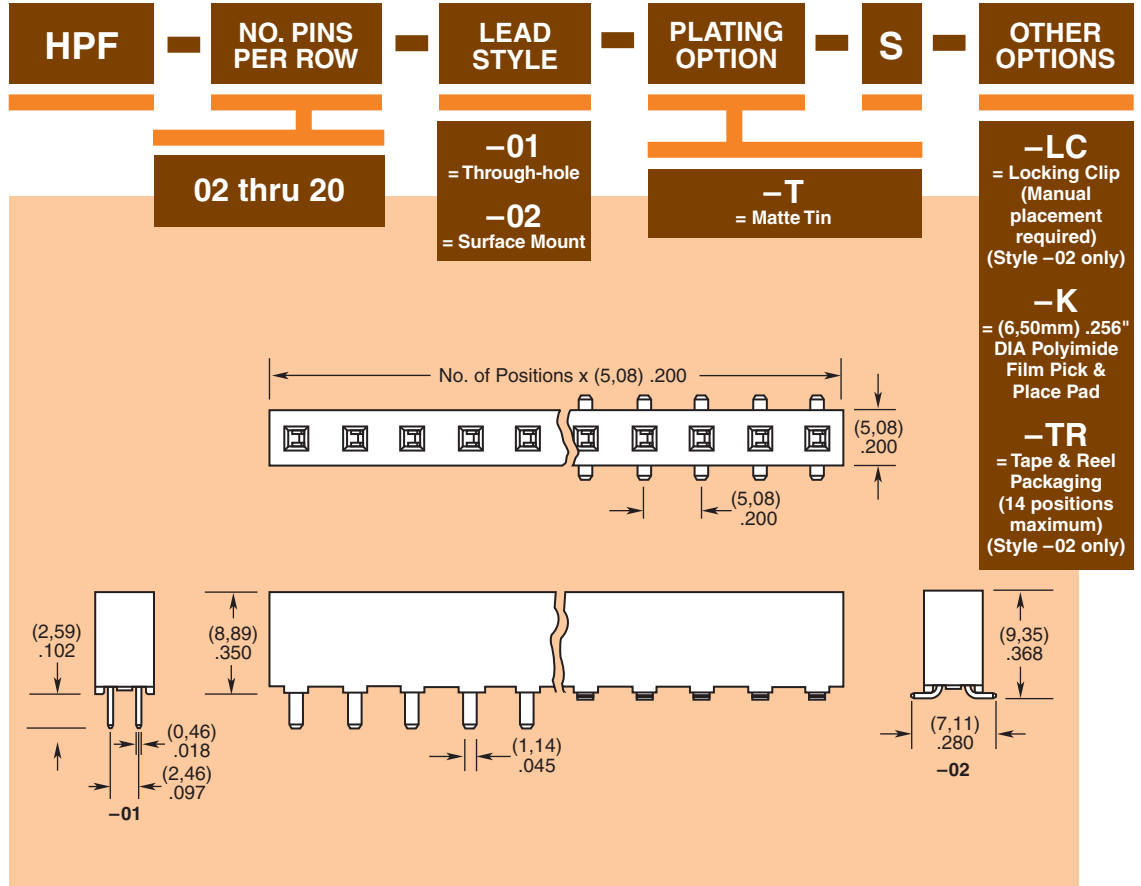
AMBIENT TEMP	CURRENT RATING	
	HPM/HPF 2 PINS	HPM/HPF 4 PINS
20°C	25A	22A
40°C	24A	19A
60°C	17A	15.5A
75°C	14.4A	12.7A



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.

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