

(5,08 mm) .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" (1,27 μm) Ni

Insertion Depth:

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

.325" (.368" (9,35 mm) plus board thickness minimum for bottom entry)

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.

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

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

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

RoHS Compliant:

Yes

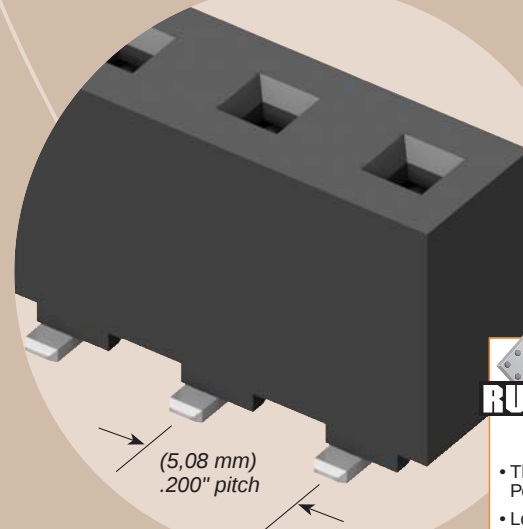
Mates with:
HPM, HPW

**POWER
EYE
CONTACT**



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

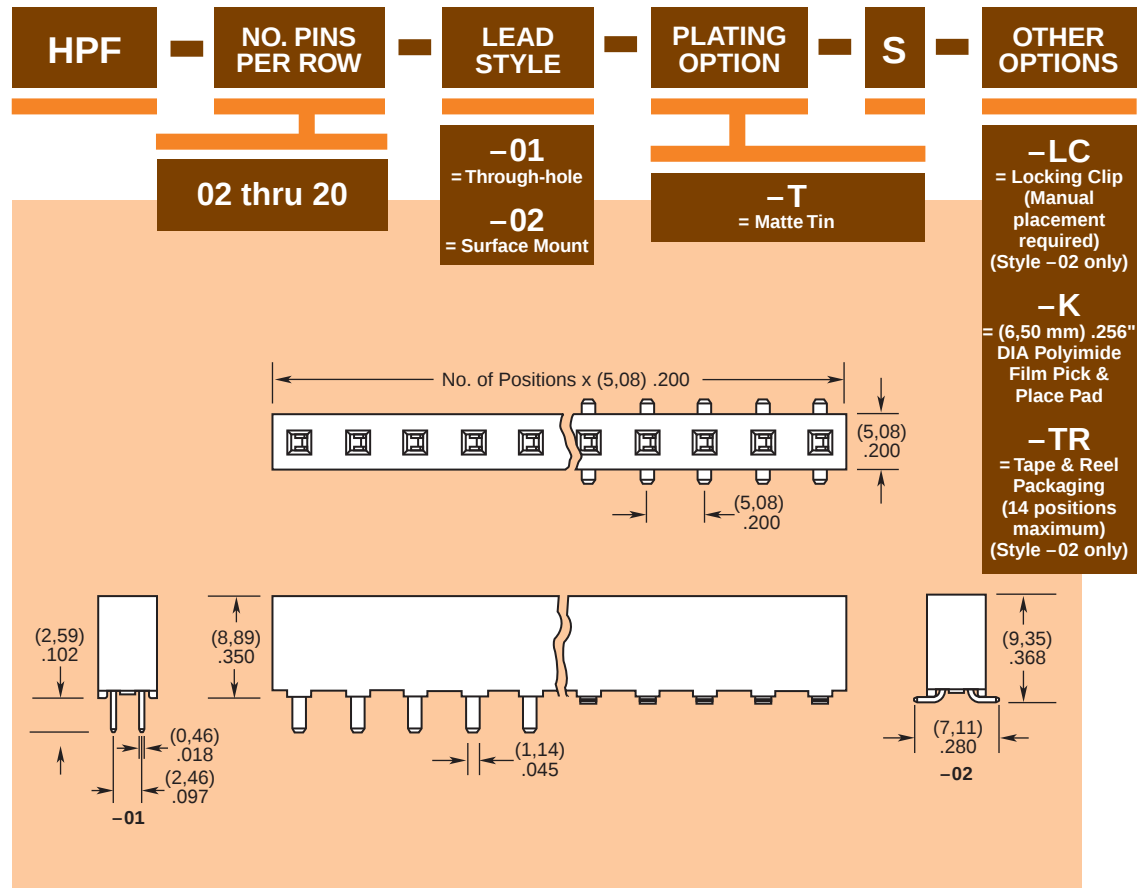
Surface Mount
or
Through-hole



(5,08 mm)
.200" pitch



- 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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