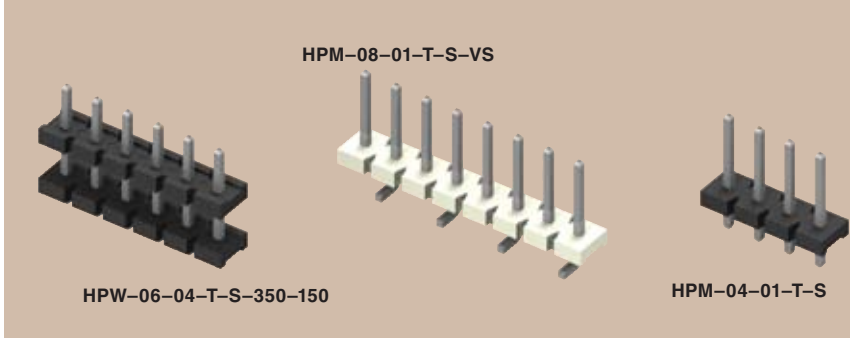


(5,08mm) .200"

HPM, HPW SERIES



# POWER HEADERS & BOARD STACKERS

Mates with:  
HPF

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HPM](http://www.samtec.com?HPM)

**Insulator Material:**

- Glass Filled Polyester (TH)
- Natural Liquid Crystal Polymer (SMT)



**Terminal Material:**

- Copper Alloy
- Plating: Sn over 50µ" (1,27µm) Ni
- Operating Temp Range: -55°C to +105°C
- RoHS Compliant: Yes

**Processing:**

- Lead-Free Solderable: Yes
- SMT Lead Coplanarity: (0,20mm) .008" max (02-15) (0,25mm) .010" max (16-20)

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

TYPE STRIP	NO. PINS	LEAD STYLE	PLATING OPTION	S	TAIL OPTION	OTHER OPTION
HPM = High Temp High Power Header			-T = Matte Tin		Leave blank for Through-hole	-P = Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)

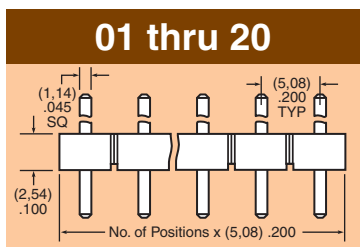
  

CURRENT RATING		
AMBIENT TEMP	2 PINS	4 PINS
20°C	25A	22A
40°C	24A	19A
60°C	17A	15.5A
75°C	14.4A	12.7A

**Specify LEAD STYLE from chart below.**

LEAD STYLE	A	B	C	D	E	F	G
-01	(4,57) .180	(11,94) .470	—	—	—	(10,72) .422	(8,64) .340
-02	(4,57) .180	(13,21) .520	(2,54) .100	(4,57) .180	(8,08) .318	(12,24) .482	(8,38) .330
-04	(4,09) .161	(21,06) .829	(4,95) .195	(3,96) .156	(13,82) .544	—	—
-05	(4,57) .180	(3,81) .150	—	—	—	—	—



Mates with:  
HPF

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HPW](http://www.samtec.com?HPW)

**Insulator Material:**

- Liquid Crystal Polymer



**Terminal Material:**

- Copper Alloy
- Plating: Sn over 50µ" (1,27µm) Ni
- Operating Temp Range: -55°C to + 105°C
- RoHS Compliant: Yes

**Processing:**

- Lead-Free Solderable: Yes
- SMT Lead Coplanarity: (0,20mm) .008" max.

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

TYPE STRIP	NO. PINS	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	TAIL OPTION
HPW = High Temp High Power			-T = Matte Tin		-“XXX” = Stacker Height (in inches) (0,13mm) .005" increments Example: -250 = (6,35mm) .250"	-“XXX” = Post Height (in inches)	Leave blank for Through-hole

**02 thru 20**

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

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