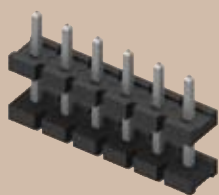


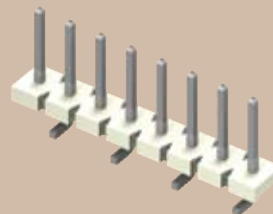
(5,08mm) .200"

HPM, HPW SERIES

HPM-08-01-T-S-VS



HPW-06-04-T-S-350-150



HPM-04-01-T-S

POWER HEADERS & BOARD STACKERS

Mates with:
HPF

SPECIFICATIONS

For complete specifications
see 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
STRIPNO.
PINSLEAD
STYLEPLATING
OPTION

S

TAIL
OPTIONOTHER
OPTION

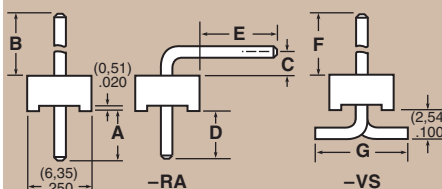
HPM

= High Temp
High Power Header

CURRENT RATING

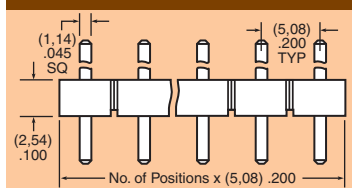
AMBIENT TEMP	HPM/HPF	
	2 PINS	4 PINS
20°C	25A	22A
40°C	24A	19A
60°C	17A	15.5A
75°C	14.4A	12.7A

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	—	—	—	—	—

01 thru 20



Mates with:
HPF

SPECIFICATIONS

For complete specifications
see 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
STRIPNO.
PINS

04

PLATING
OPTION

S

STACK
HEIGHTPOST
HEIGHTTAIL
OPTION

HPW

= High Temp
High Power

-T
= Matte Tin

-“XXX”

= Stacker Height (in inches)
(0,13mm) .005" increments

Example: -250 =
(6,35mm) .250"

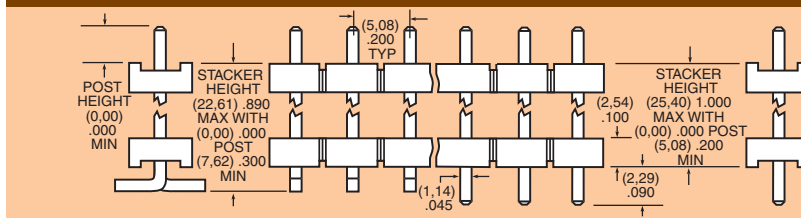
-“XXX”
= Post Height
(in inches)

Leave
blank for
Through-hole

-VS
=Surface
Mount
(2 pins/row
minimum)

-P
= Pick &
Place Pad
(3 Pos. min.)
(6,98mm)
.275" max.
post height
(-VS only)

02 thru 20



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

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