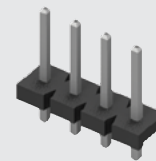
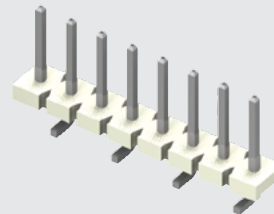


HPW-06-04-T-S-350-150



HPM-04-01-T-S

(5.08 mm) .200"

HPM, HPW SERIES

POWER HEADERS & BOARD STACKERS

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 50 μ " (1.27 μ m) Ni
Operating Temp Range:
-55 °C to +105 °C

Standard Creepage:
(3.94 mm) .155"
Standard Clearance:
(3.94 mm) .155"

RoHS Compliant:
Yes

PROCESSING

Lead-Free Solderable:
Surface Mount: Yes
Through-hole & Right-angle:
Wave only

SMT Lead Coplanarity:
(0.20 mm) .008" max (02-15)
(0.25 mm) .010" max (16-20)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

TYPE STRIP

HPM

= High Temp
High Power Header

Mates with:

HPF

HPF/HPM	
PINS	CURRENT RATING (PER CONTACT)
1	16.6 A
2	14.4 A
3	13.2 A
4	12.7 A
ALL	8.9 A

NO. PINS

LEAD STYLE

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

PLATING OPTION

-T
= Matte Tin

S

TAIL OPTION

Leave blank for Through-hole

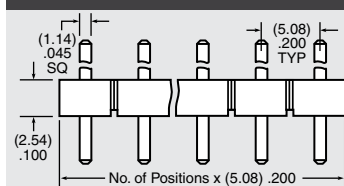
-RA
= Right-angle
(-02 & -04 lead style only)

-VS
= Surface Mount
(2 pins/row minimum)
(-01 & -02 lead style only)

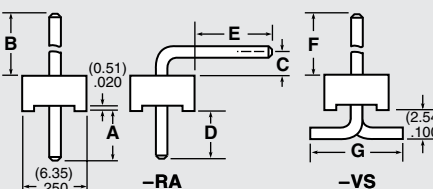
OTHER OPTION

-P
= Pick & Place Pad
(3 Pos. min.)
(-VS only)
(Not Available with -05 lead style)

01 thru 20



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	—	—	—	—	—

ALSO AVAILABLE (MOQ Required)

- Increased creepage and clearance with the removal of contacts
Contact Samtec.

SPECIFICATIONS

For complete specifications see www.samtec.com?HPW

Insulator Material:
Liquid Crystal Polymer

Terminal Material:
Copper Alloy

Plating:
Sn over 50 μ " (1.27 μ m) Ni
Operating Temp Range:
-55 °C to +105 °C

Standard Creepage:
(3.94 mm) .155"
Standard Clearance:
(3.94 mm) .155"

RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable: Yes
SMT Lead Coplanarity:
(0.20 mm) .008" max.

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594



FILE NO. 090871_0_000

TYPE STRIP

HPW

= High Temp
High Power

Mates with:

HPF

NO. PINS

04

PLATING OPTION

-T
= Matte Tin

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

S

STACK HEIGHT

-“XXX”
= Stacker Height (in inches)
(0.13 mm) .005" increments
Example: -250 =
(6.35 mm) .250"

POST HEIGHT

-“XXX”
= Post Height
(in inches)

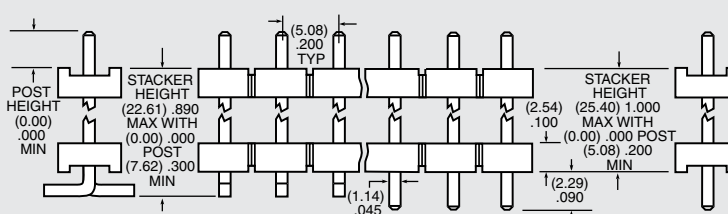
TAIL OPTION

Leave blank for Through-hole

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

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

02 thru 20



Mouser Electronics

Authorized Distributor

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[Samtec:](#)

[HPM-07-01-T-S-VS](#) [HPM-07-02-T-S](#)