

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 50µ" (1,27 µm) Ni
Operating Temp Range:
-55°C to +105°C

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



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

TYPE STRIP

HPM

= High Temp
High Power Header

Mates with:
HPF

PINS	HPF/HPM 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

PLATING OPTION

S

TAIL OPTION

OTHER OPTION

-T
= Matte Tin

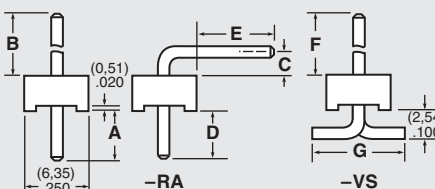
Leave blank for
Through-hole

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

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

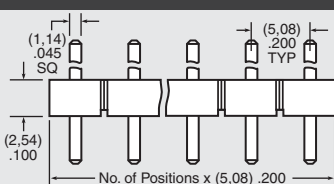
-P
= Pick & Place Pad
(3 Pos. min.)
(-VS only)
(Not Available with -05 lead style)

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



No. of Positions x (5,08) .200

SPECIFICATIONS

For complete specifications see www.samtec.com?HPW

Insulator Material:
Liquid Crystal Polymer

Terminal Material:
Copper Alloy

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

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



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

TYPE STRIP

HPW

= High Temp
High Power

Mates with:
HPF

NO. PINS

04

PLATING OPTION

S

STACK HEIGHT

POST HEIGHT

TAIL OPTION

-“XXX”
= Stacker Height (in inches)
(0,13 mm) .005" increments
Example: -250 =
(6,35 mm) .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.)
(6,98 mm)
.275" max.
post height
(-VS only)

02 thru 20

