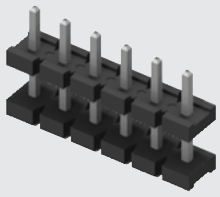
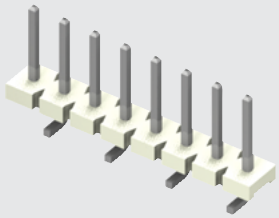
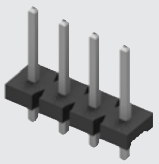
samtec



HPW–06–04–T–S–350–150



HPM–08–01–T–S–VS



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

FILE NO. E111594

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

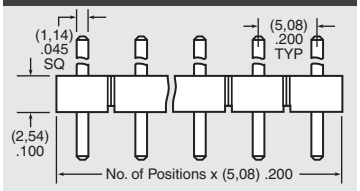
TYPE STRIP	–	NO. PINS	–	LEAD STYLE	–	PLATING OPTION	–	S	–	TAIL OPTION	–	OTHER OPTION

HPM
= High Temp High Power Header

Mates with:
HPF

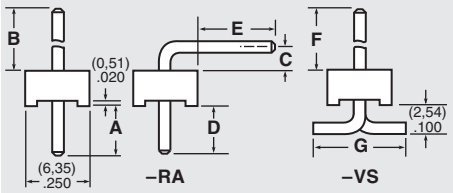
HPF/HPM	
PINS	CURRENT RATING (PER CONTACT)
1	16.6 A
2	14.4 A
3	13.2 A
4	12.7 A
ALL	8.9 A

01 thru 20



–T
= Matte Tin

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	___	___	___	___	___

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)

SPECIFICATIONS

For complete specifications see www.samtec.com?HPW

Insulator Material:
Liquid Crystal Polymer
Terminal Material:
Copper Alloy
Plating:
Sn over 50u" (1,27 um) 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

FILE NO. E111594

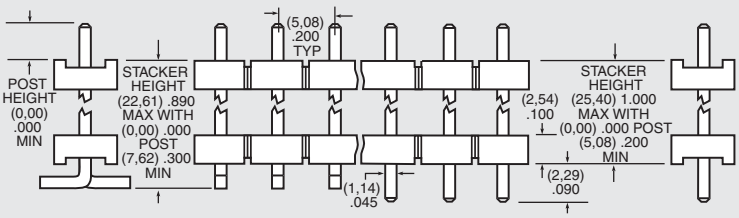
Note: Some lengths, styles and options are non-standard, non-returnable.

TYPE STRIP	–	NO. PINS	–	04	–	PLATING OPTION	–	S	–	STACK HEIGHT	–	POST HEIGHT	–	TAIL OPTION

HPW
= High Temp High Power

Mates with:
HPF

02 thru 20



–T
= Matte Tin

–"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)

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