

.200" POWER HEADERS HPM, HPW SERIES

Mates with:
HPF

SPECIFICATIONS

For complete specifications see www.samtec.com?HPM

Insulator Material:
Glass Filled Polyester (TH)
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:

Max Processing Temp (-VS):
230°C for 60 seconds,
or 260°C for 20 seconds 3x

Lead-Free Solderable:
Yes

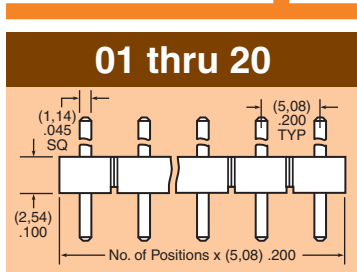
SMT Lead Coplanarity:
(0,20mm) .008" max (02-15)
(0,25mm) .010" max (16-20)

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



HPM
= High Temp
High Power Header

AMBIENT TEMP	CURRENT RATING	
	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	—	—	—	—	—

- T**
= Matte Tin
- Tail Option:**
Leave blank for Through-hole
- RA**
= Right Angle
- VS**
= Surface Mount (2 pins/row minimum)
- P**
= Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)



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HPF

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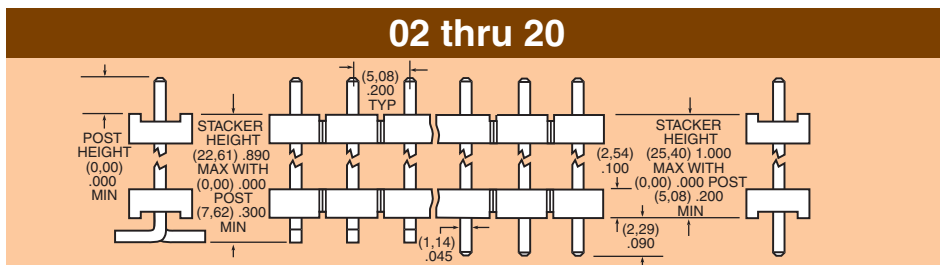


HPW
= High Temp
High Power

-T
= Matte Tin

-“XXX”
= Stacker Height (in inches)
(0,13mm) .005" increments
Example: -250 = (6,35mm) .250"

- Tail Option:**
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)



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

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