



(5,08 mm) .200"
HPM, HPW SERIES

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" (1,27 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)

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			-T = Matte Tin		Leave blank for Through-hole	-P = Pick & Place Pad (3 Pos. min.) (-VS only) (Not Available with -05 lead style)																																								
<p>CURRENT RATING (PER CONTACT)</p> <table border="1"> <thead> <tr> <th rowspan="2">AMBIENT TEMP</th> <th colspan="2">HPM/HPF</th> </tr> <tr> <th>2 PINS</th> <th>4 PINS</th> </tr> </thead> <tbody> <tr> <td>20°C</td> <td>25A</td> <td>22A</td> </tr> <tr> <td>40°C</td> <td>24A</td> <td>19A</td> </tr> <tr> <td>60°C</td> <td>17A</td> <td>15.5A</td> </tr> <tr> <td>75°C</td> <td>14.4A</td> <td>12.7A</td> </tr> </tbody> </table>							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																							
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TYPE STRIP	NO. PINS	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	TAIL OPTION
HPW = High Temp High Power			-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
<p>02 thru 20</p>							

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

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