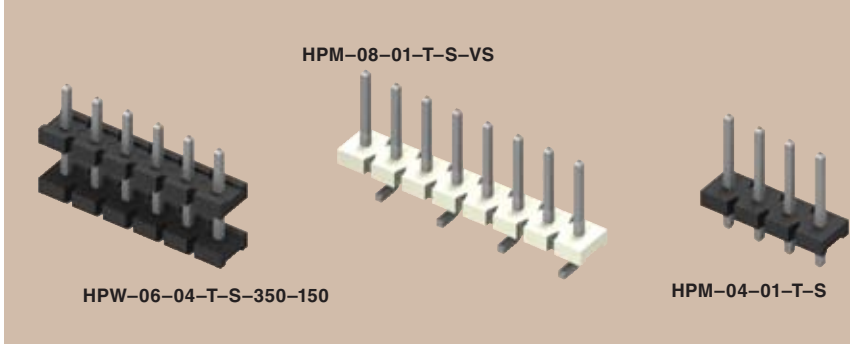




(5,08mm) .200"

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

RoHS Compliant:
Yes

Processing:
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.

| 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.) (6,98mm) .275" min. post height (-VS only) |

| CURRENT RATING | | |
|----------------|--------|--------|
| AMBIENT TEMP | 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 | — | — | — | — | — |

01 thru 20

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

Mates with:
HPF

SPECIFICATIONS

For complete specifications see www.samtec.com?HPW

Insulator Material:
Liquid Crystal Polymer



Terminal Material:
Copper Alloy



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

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,20mm) .008" max.

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 | | | -T = Matte Tin | | -“XXX” = Stacker Height (in inches) (0,13mm) .005" increments Example: -250 = (6,35mm) .250" | Leave blank for Through-hole | -“XXX” = Post Height (in inches) |

02 thru 20

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

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