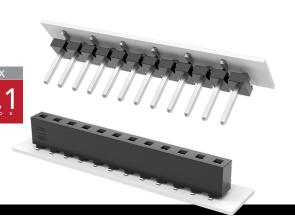
POWER HEADERS, STACKERS & SOCKETS

(5.08 mm) .200" PITCH • HPM, HPW, HPF SERIES

HPM



HPM, HPW **Board Mates:**

HPF Board Mates:

HPM, HPW

SPECIFICATIONS

Insulator Material:

HPW/HPM = Glass Filled Polyester (Through-hole), Natural Liquid Crystal Polymer (Surface Mount) HPF = Black LCP
Terminal Material

(HPM/HPW):

Copper Alloy
Contact Material (HPF):

Plating: Sn over 50 µ" (1.27 µm) Ni Operating Temp Range: -55 °C to +105 °C Voltage Rating: HPM/HPF = 850 VAC/1202

Insertion Depth (HPF): (3.68 mm) .145" to (8.26 mm) .325" (.368" (9.35 mm) plus board thickness minimum for

PROCESSING

Lead-Free Solderable: HPW-VS, HPM-VS, HPF = Yes HPM -TH, HPM -RA &

(0.20 mm) .008" max (11-20)* *(.004" stencil solution may be available; contact ipg@samtec.com)

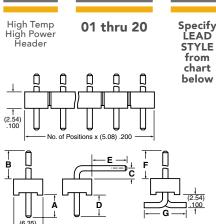
HPM = (0.20 mm).008" max (02-15)* HPM = (0.25 mm) .010" max (16-20)* HPW = (0.20 mm) .008" max* HPF = (0.15 mm) .006" max

(02-10)*

HPW -TH = No, Lead Wave only

SMT Lead Coplanarity:

Wiping Distance (HPF): (0.38 mm) .015"



NO. OF PINS

PLATING TAIL OPTION OPTION

> 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) **OPTION**

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

	(6.35)	DΛ	ve						
_ B _ [-E- E- 	F F (2.54)						
	→ No. of Positions x (5.08) .200 →								
	l+−−− No. of	Positions v (5 08) 3	200						

NO. OF

PINS

02 thru 20

LEAD STYLE		В	С	D	E	F	G
-01	(4.57) .180	(11.94) .470	ı	ı	_	(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

STYLE



-Т

= Matte Tin



-"XXX"

= Stacker

Height (in inches)

(0.13 mm) .005"

increments



POST HEIGHT

(in inches)

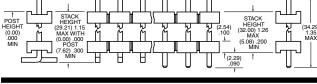
OTHER OPTIONS

Leave blank for -"XXX" Through-hole = Post Height

> -VS = Surface Mount (2 pins/row minimum)

STACK HEIGHT (32.00) 1.26 MAX (5.08) .200 MIN

= Pick & Place Pad (3 Pos. min.) (6.98 mm) .275" max. post height (–VS only)



NO. OF PINS

LEAD STYLE

PLATING OPTION

OTHER OPTIONS

02 thru 20

-01 = Through-hole

-02 = Surface Mount



= Locking Clip

(Manual placement required) (-02 lead style only)

-K = (6.50 mm) .256" DIA Polyimide film Pick & Place Pad

-TR Tape & Reel Packaging (14 positions max.) (Style -02 only)

-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (14 positions max.) (Style -02 only)

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

