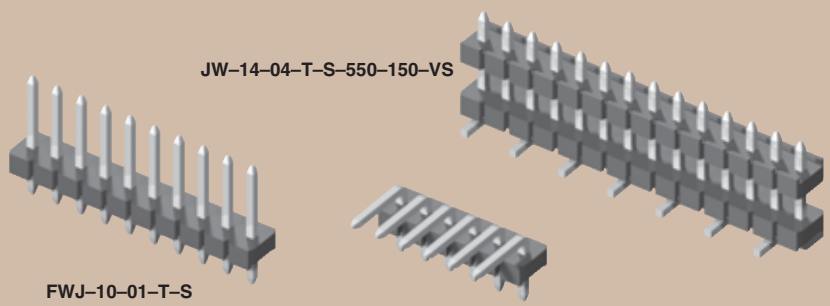


JW-14-04-T-S-550-150-VS



FWJ-10-01-T-S

FWJ-06-02-T-S-RA

.156" POWER HEADERS FWJ, HFWJ, JW SERIES

Mates with:
FHP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FWJ

FWJ

Insulator Material:
Black Glass Filled Polyester

Terminal Material:
Phosphor Bronze

Plating:
Sn over 50µ" (1,27µm) Ni

Operating Temp Range:
-55°C to +105°C

RoHS Compliant: Yes
Lead-Free Solderable:
Wave only

HFWJ

For complete specifications and recommend PCB layouts see www.samtec.com?HFWJ

Same as FWJ except:

Insulator Material:
Natural Liquid Crystal Polymer

Processing:

Max Processing Temp:
230°C for 60 seconds,
or 260°C for 20 seconds 3x
Lead-Free Solderable: Yes
SMT Lead Coplanarity:
(0,20mm) .008" max (02-16)
(0,25mm) .010" max (17-24)



TYPE STRIP	NO. OF PINS	LEAD STYLE	PLATING OPTION	S	OTHER OPTION																				
FWJ = Standard Header	<table border="1"> <thead> <tr> <th colspan="3">CURRENT RATING</th> </tr> <tr> <th>AMBIENT TEMP</th> <th colspan="2">FHP/HFWJ</th> </tr> <tr> <th></th> <th>2 PINS</th> <th>4 PINS</th> </tr> </thead> <tbody> <tr> <td>20°C</td> <td>19.5A</td> <td>15.5A</td> </tr> <tr> <td>40°C</td> <td>17A</td> <td>14A</td> </tr> <tr> <td>60°C</td> <td>14A</td> <td>11.5A</td> </tr> <tr> <td>75°C</td> <td>11.2A</td> <td>9.2A</td> </tr> </tbody> </table>	CURRENT RATING			AMBIENT TEMP	FHP/HFWJ			2 PINS	4 PINS	20°C	19.5A	15.5A	40°C	17A	14A	60°C	14A	11.5A	75°C	11.2A	9.2A	-T = Matte Tin		
CURRENT RATING																									
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60°C	14A	11.5A																							
75°C	11.2A	9.2A																							
HFWJ = High Temp Header					<p>Leave blank for Through-hole</p> <p>-RA = Right Angle (Style -02 & -04 only)</p> <p>-VS = Surface Mount Requires HFWJ (2 pins/row minimum) Style -05 not available.</p> <p>-P = Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)</p>																				

Specify LEAD STYLE from chart below.

LEAD STYLE	A	B	LEAD STYLE	C	LEAD STYLE	D	E	F
-01	(11,43) .450	(4,45) .175	-01	(10,46) .412	-02	(4,45) .175	(8,13) .320	(2,54) .100
-02	(12,70) .500		-02	(11,73) .462	-02	(3,96) .156	(13,56) .534	(4,95) .195
-04	(20,55) .809	(3,96) .156	-04	(19,10) .752				
*-05	(3,81) .150	(12,07) .475						

*FWJ Only

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

01 thru 24

No. of Positions x (3,96) .156

Mates with:
FHP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?JW

Insulator Material:
Natural Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Plating:
Sn over 50µ" (1,27µm) Ni

RoHS Compliant: Yes

Processing:

Max Processing Temp:
230°C for 60 seconds,
or 260°C for 20 seconds 3x
Lead-Free Solderable: Yes
SMT Lead Coplanarity:
(0,20mm) .008" max (02-16)
(0,25mm) .010" max (17-24)



JW	NO. ROW	04	PLATING OPTION	S	STACK HEIGHT	POST HEIGHT	OTHER OPTION
			-T = Matte Tin		- "XXX" = Stacker Height (in inches) (0,13mm) .005" increments Example: -250 = (6,35mm) .250"		<p>Leave blank for Through-hole</p> <p>-VS = Surface Mount (2 pins/row minimum)</p> <p>-P = Pick & Place Pad (3 Pos. min.) (6,98mm) .275" min. post height (-VS only)</p>

02 thru 24

(1,14) .045 SQ TYP

(22,61) .890 MAX WIDTH (8,89) .350 MIN

(3,18) .125

(2,29) .090

(3,96) .156 TYP

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

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