

.050" BOARD STACKER FW SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FW

Insulator Material:
Black Liquid Crystal Polymer



Terminal Material:
Phosphor Bronze



Plating:
Sn or Au over 50µ" (1,27µm) Ni

Current Rating:
1.75A @ 80°C ambient

Operating Temp Range:
-55°C to +125°C

RoHS Compliant:
Yes

Mates with:
CLP, FFSD, FLE

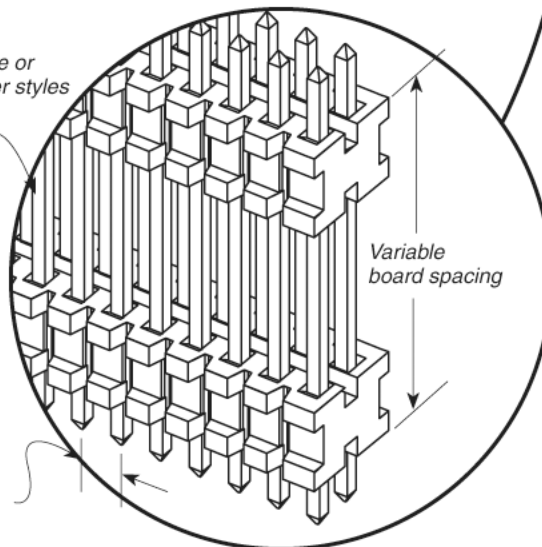
APPLICATION SPECIFIC OPTION

Single row option available.
Call Samtec.

Low profile or skyscraper styles

Variable board spacing

(1,27mm)
050" pitch



Note: This Series is non-standard, non-returnable.

Processing:
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes



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FW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
	02 thru 50	Specify LEAD STYLE from chart	-G = 10µ" (0,25µm) Gold on post, Gold flash on tail -L = 10µ" (0,25µm) Gold on post, Matte Tin on tail -F = Gold flash on post, Matte Tin on tail		-"XXX" = Stacker Height (in inches) Example: -250 = (6,35mm) .250"	-"XXX" = Post Height (in inches) (1,65mm) .065" minimum Example: -.065 = (1,65mm) .065"	-ES = End Shroud (-075 post height only. Mate only with CLP.) (5,46mm) .215" to (15,49mm) .610" stacker height only 9 pins/row minimum -EP = End Shroud with Guide Post (-075 post height only. Mate only with CLP) (5,46mm) .215" to (15,49mm) .610" stacker height only 9 pins/row minimum

LEAD STYLE	TAIL (B)
-01	(1,14) .045
-02	(1,91) .075
-04	(2,29) .090

Technical drawing details:
 - Pin pitch: (1,27) .050
 - Post height: (1,65) .065 MIN
 - Stacker height: (5,08) .200 MIN
 - Overall length: (20,32) .800 MAX
 - Tail length: (1,14) .045, (1,91) .075, (2,29) .090
 - End shroud height: (4,76) .188
 - End shroud with guide post height: (3,05) .120
 - End shroud with guide post diameter: (1,91) .075 DIA

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

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