



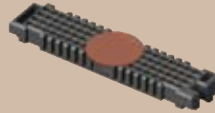
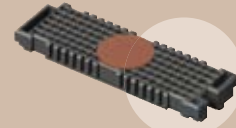
(1,27 mm) .050"

LPAF SERIES

OPEN PIN FIELD INTERCONNECTS

LPAF-20-03.5-L-06-2-K

LPAF-20-03.5-L-04-2-K



HIGH SPEED LOW PROFILE OPEN PIN FIELD

SPECIFICATIONS

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

Insulator Material: Black LCP



Contact Material: Copper Alloy

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

Current Rating: 2.2 A per contact (6 contacts powered)

Working Voltage: 250 VAC

RoHS Compliant: Yes

Lead-Free Solderable: Yes

Yes

Mates with: LPAM



4 mm, 4,5 mm and 5 mm stack heights

4 or 6 row standard .050" (1,27 mm) X .050" (1,27 mm) pitch

Up to 30 pins per row

Dual Beam contact

Solder crimp

25+ Gbps

LPAF/LPAM 4 mm Stack Height	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	17 GHz / 34 Gbps
Differential Pair Signaling	18.5 GHz / 37 Gbps

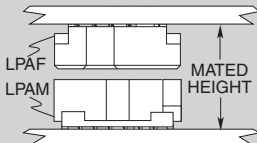
*Test board losses de-embedded from performance data.
Performance data for other stack heights and complete test data available at www.samtec.com?LPAF or contact sig@samtec.com

ALSO AVAILABLE

- Tin-Lead Solder Charge.
 - Other pins/row and row counts.
 - Other Gold plating options.
- Call Samtec.

LPAF	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	NO. OF ROWS	2	K	TR
	-10, -20, -30 (Per Row)	-03.0 = (3,0 mm) .118" -03.5 = (3,5 mm) .138"	-L = 10µ" (0,25 µm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows -06 = Six Rows	-2 = Lead-Free Tin Alloy 95.5% Sn/ 3.8%Ag/ 0.7% Cu Solder Crimp	-K = Polyimide film Pick & Place Pad	-TR = Tape & Reel

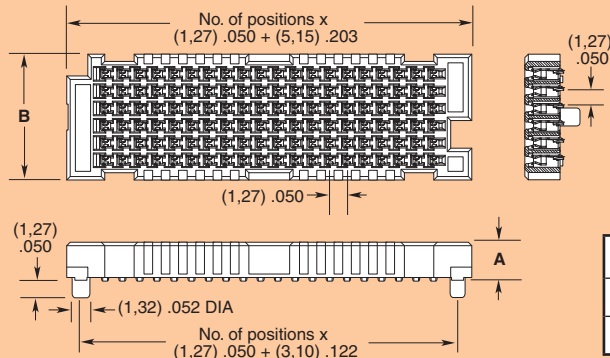
MATED HEIGHT



MATED HEIGHT*	
LPAF LEAD STYLE	LPAM LEAD STYLE
-03.0	(4,00) .157 (4,50) .177
-03.5	(4,50) .177 (5,00) .197

*Processing conditions will affect mated height.

NO. OF ROWS	B
-04	(6,71) .264
-06	(9,25) .364



LEAD STYLE	A
-03.0	(2,79) .110
-03.5	(3,30) .130

Note: Patent Pending

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

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

WWW.SAMTEC.COM