



ACCELERATE® HD

(0.635 mm) .025"

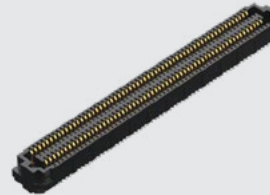
ADF6-20-03.5-L-4-2-A



ADF6-30-03.5-L-4-2-A



ADF6-60-03.5-L-4-2-A



ADF6 SERIES

ACCELERATE® HD MICRO INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ADF6

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Plating:

Au or Sn over 50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

1.34 A per pin (4 pins powered)

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

Mates with:

ADM6

POWER/SIGNAL APPLICATION



Compatible with UMPT/UMPS for flexible two-piece power/signal solutions

Low profile ultra-slim body design

Optional alignment pin

Solder ball technology for simplified processing

PAM4

56 Gbps

ADF6	NO. OF POSITIONS	03.5	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	A	"X"R
	-10, -20, -30, -40, -50, -60 (Per Row)		-L = 10 μ" (0.25 μm) Gold on contact area, Matte Tin on tail	-4 = Four Rows	-2 = Lead-Free Solder Ball	Leave blank for no alignment pin -A = Alignment Pin	-TR = Standard Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

MATED HEIGHT*	
ADF6 LEAD STYLE	ADM6 LEAD STYLE
-03.5	-01.5 (5.00) .197

*Processing conditions will affect mated height.

ALSO AVAILABLE
(MOQ Required)

- Other lead styles
- Other rows

SPACE-SAVING COMPARISON

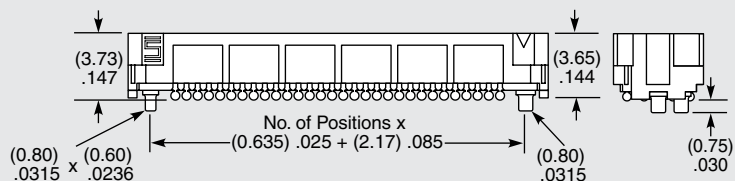
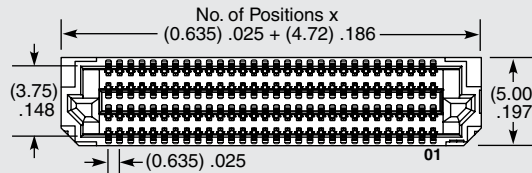


ADX6 Series (240 total positions)



QXH Series (240 total positions)

Actual Size Shown



ADF6-30-03.5-L-4-2-A SHOWN

Notes:
Packaged in Tape & Reel with polyimide pick & place pad.
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

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.