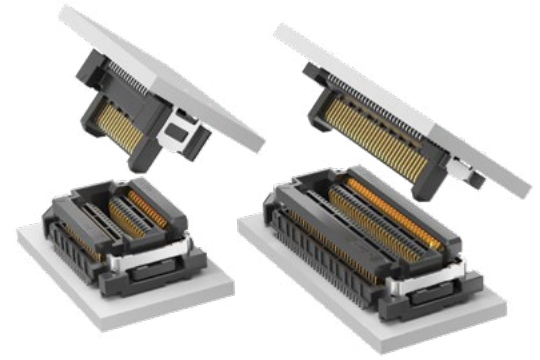




# HIGH-SPEED MICRO PITCH SYSTEM

(0.50 mm) .0197" PITCH • A-FT5/A-FS5 SERIES



## A-FT5

Mates:  
A-FS5

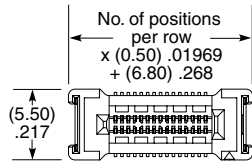
## A-FS5

Mates:  
A-FT5

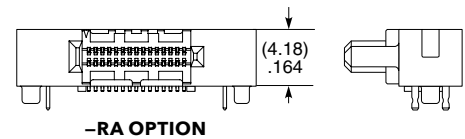
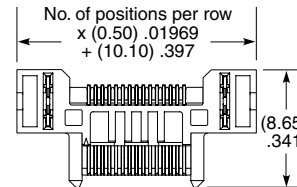
### SPECIFICATIONS

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Contact Material:**  
Phosphor Bronze (A-FT5)  
BeCu (A-FS5)  
**Weld Tab:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating:**  
1.8 A per pin  
(2 pins powered)  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Lead-Free Solderable:**  
Yes

A-FT5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	ROW OPTION	TH	OPTION	TR
	-15, -30 (Per Row)	-01.0 = 1 mm Body Height  -03.0 = 3 mm Body Height  -01 = Right- angle	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-DV = Vertical  -RA = Right- angle	Leave blank for -RA  -TH = Through- hole weld tab	Required callouts  -P = Pick & Place Pad (-DV only)  -K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad (-RA only)	-TR = Tape & Reel



LEAD STYLE	A
-01.0	(3.72) .146
-03.0	(5.72) .225

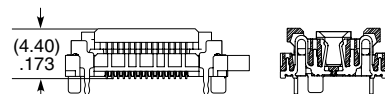
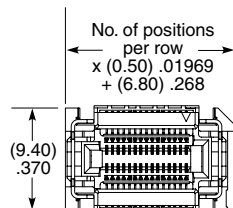


### MATED HEIGHT \*

A-FS5 LEAD STYLE	A-FT5 LEAD STYLE	
	-01.0	-03.0
-04.0	(5.00 mm) .197"	(7.00 mm) .276"

\*Processing conditions will affect mated height.

A-FS5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	DV	TH	K	TR
	-15, -30 (Per Row)	-04.0 = 4 mm Body Height	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-TH = Through-hole weld tab	-K = (8.25 mm) .325" DIA Polyimide Film Pick & Place Pad	-TR = Tape & Reel



### Notes:

Contact system provides 0.50 mm float in X and Y directions.

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

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