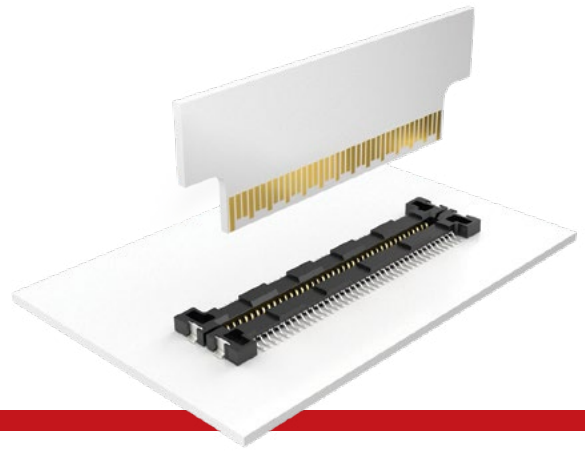


# HIGH-SPEED THROUGH BOARD SOCKET

(1.00 mm) .0394" PITCH • SAL1 SERIES

14  
G b p s



## SAL1

### Card Mates:

(1.60 mm) .062" or  
(2.36 mm) .093" card

### SPECIFICATIONS

#### Insulator Material:

Black LCP

#### Contact Material:

BeCu

#### Plating:

Au or Sn over 50 μ" (1.27 μm) Ni

#### Operating Temp Range:

-55 °C to +125 °C

#### Current Rating:

2.9 A per pin  
(2 adjacent pins powered)

### PROCESSING

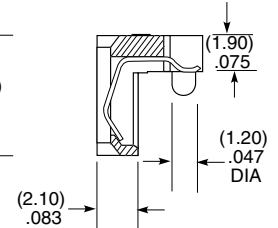
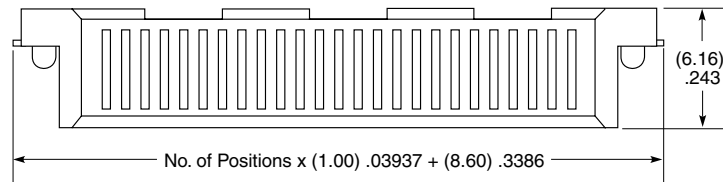
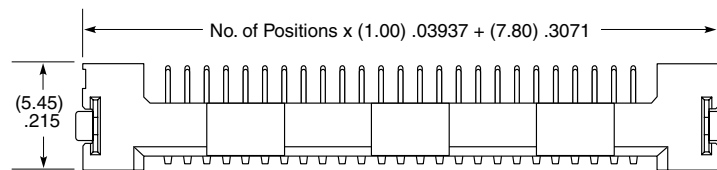
#### Lead-Free Solderable:

Yes

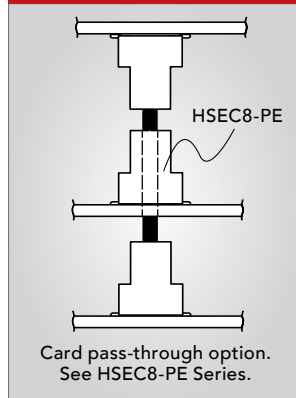
#### SMT Lead Coplanarity:

(0.10 mm) .004" max

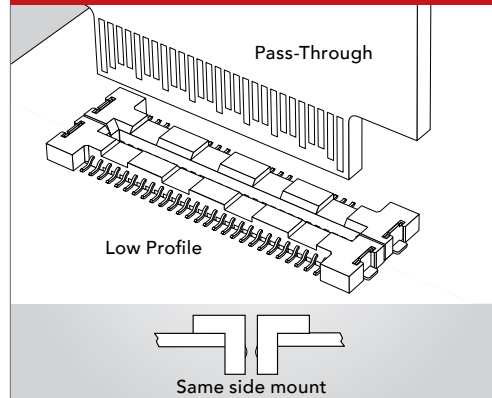
SAL1	-	1	NO. OF POSITIONS	-	01	PLATING OPTION	-	S	-	A	OPTION
			-20, -27, -30, -40			-S = 30 μ" (0.76 μm) Gold on contact, Matte tin on tail					-TR = Tape & Reel  -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)



### OTHER SOLUTION



### APPLICATIONS



### Notes:

While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications..

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

View complete specifications at: [samtec.com?SAL1](http://samtec.com?SAL1)

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