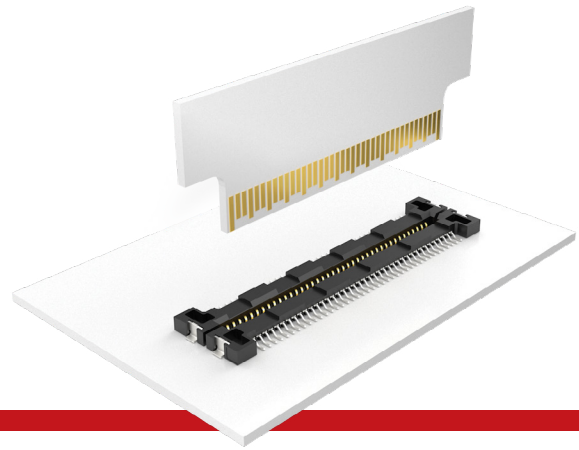


HIGH-SPEED THROUGH BOARD SOCKET

(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 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

2.9 A per pin
(2 adjacent pins powered)

Voltage Rating:

215 VAC/304 VDC

PROCESSING

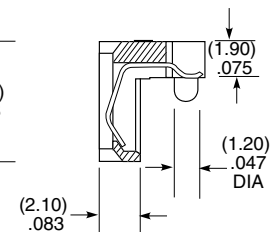
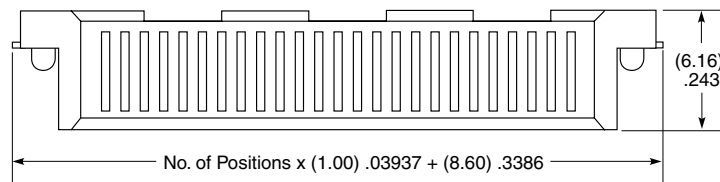
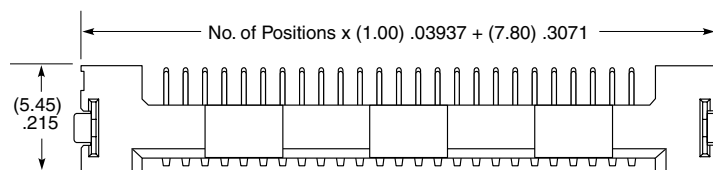
Lead-Free Solderable:

Yes

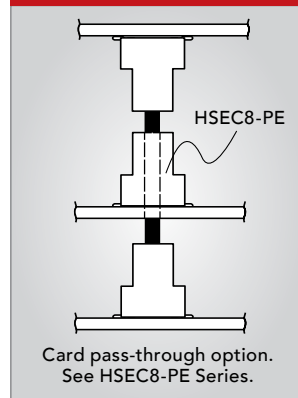
SMT Lead Coplanarity:

(0.10 mm) .004" max

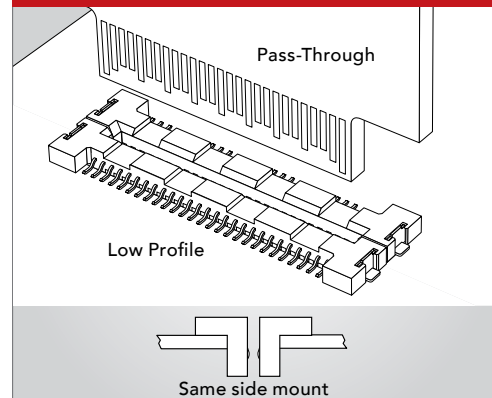
SAL1	-	1	NO. OF POSITIONS	-	01	PLATING OPTION	-	S	-	A	-	OPTION
			-20, -27, -30, -40			-S = 30 μ " (0.76 μ m) Gold on contact, Matte tin on tail						-TR = Tape & Reel -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)



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

samtec.com/EdgeCard

F-224 (Rev 09DEC24) WEB

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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