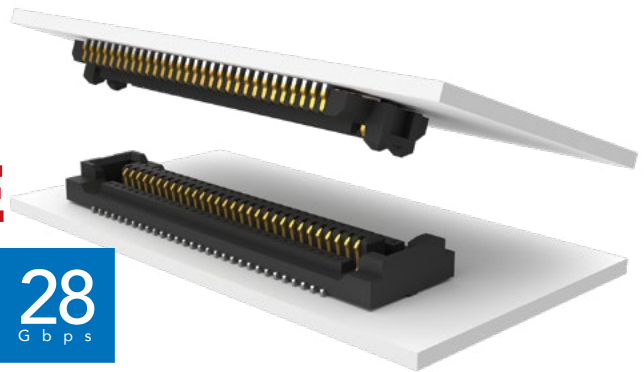


ULTRA-LOW PROFILE HEADER & SOCKET

(0.50 mm) .0197" PITCH • SLH/TLH SERIES

28
Gbps



SLH
Mates:
TLH

TLH
Mates:
SLH

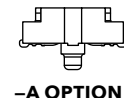
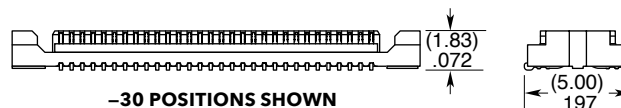
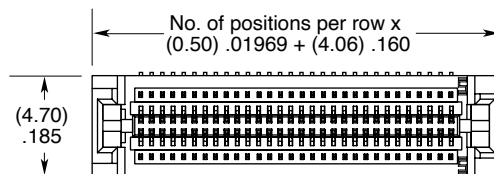
SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Copper Alloy
Plating:
Au over 50 μ " (1.27 μ m) Ni
Current Rating:
2.1 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max
Board Stacking:
For applications requiring two
or more connectors per board,
contact ipg@samtec.com

SLH	-	NO. OF POSITIONS	-	LEAD STYLE	-	PLATING OPTION	-	D	-	OPTION	-	OPTION	-	"X"R
		-010, -020, -030 (Per Row)		-1.50 =1.50 mm		-G = 10 μ " (0.25 μ m) Gold in contact, Gold flash on tail				-A = Alignment Pin		-K = (3.00 mm) .118" DIA Polyimide Film Pick & Place Pad		(Leave blank for tape & reel) -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

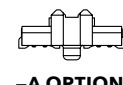
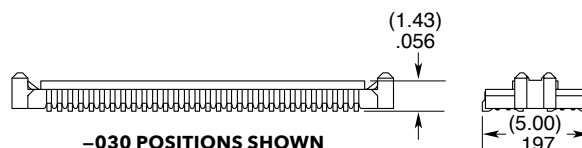
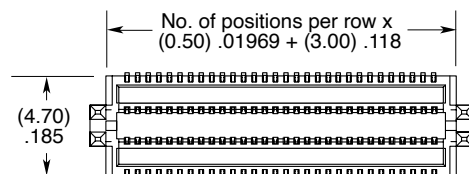


-A OPTION

MATED HEIGHT*	
SLH LEAD STYLE	TLH LEAD STYLE
-1.50	-0.50 (2.00) .0787

*Processing conditions
will affect mated height.

TLH	-	NO. OF POSITIONS	-	LEAD STYLE	-	PLATING OPTION	-	D	-	OPTION	-	OPTION	-	"X"R
		-010, -020, -030 (Per Row)		-0.50 =0.50 mm		-G = 10 μ " (0.25 μ m) Gold in contact, Gold flash on tail				-A = Alignment Pin		-K = (3.00 mm) .118" DIA Polyimide Film Pick & Place Pad		(Leave blank for tape & reel) -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



-A OPTION

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

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[TLH-010-0.50-G-D](#) [TLH-010-0.50-G-D-A](#) [TLH-010-0.50-G-D-A-K](#) [TLH-010-0.50-G-D-K](#) [TLH-020-0.50-G-D](#) [TLH-020-0.50-G-D-A](#) [TLH-020-0.50-G-D-A-K](#) [TLH-020-0.50-G-D-K](#) [TLH-030-0.50-G-D](#) [TLH-030-0.50-G-D-A](#) [TLH-030-0.50-G-D-A-K](#) [TLH-030-0.50-G-D-K](#) [TLH-010-0.50-G-D-A-K-FR](#) [TLH-020-0.50-G-D-K-FR](#) [TLH-020-0.50-G-D-A-K-FR](#) [TLH-030-0.50-G-D-A-K-FR](#)