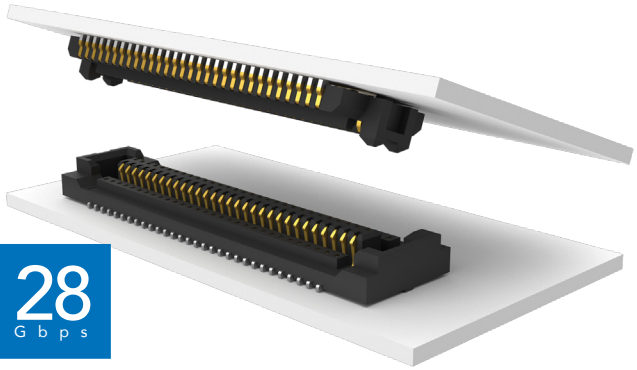
ULTRA-LOW PROFILE HEADER & SOCKET



28 Gbps

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

SLH
Mates:
TLH

TLH
Mates:
SLH

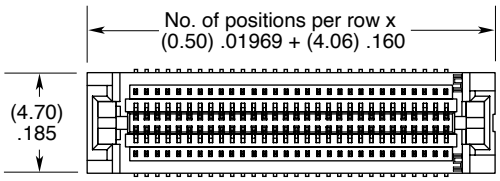
SPECIFICATIONS

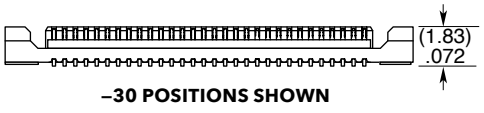
Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Copper Alloy
Plating:
Au over 50 µ" (1.27 µm) Ni
Current Rating:
2.1 A per pin
(2 pins powered)
Voltage Rating:
195 VAC/276 VDC
Operating Temp Range:
-55 °C to +125 °C

PROCESSING

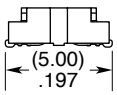
Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max
Board Stacking:
For applications requiring two or more connectors per board, contact ipg@samtec.com

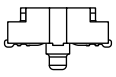
SLH	–	NO. OF POSITIONS	–	LEAD STYLE	–	PLATING OPTION	–	D	–	OPTION	–	OPTION	–	"X"R
		–010, –020, –030 (Per Row)		–1.50 =1.50 mm		–G = 10 µ" (0.25 µm) Gold in contact, Gold flash on tail				–A = Alignment Pin		–K = (3.00 mm) .118" DIA Polyimide Film Pick & Place Pad		(Leave blank for tape & reel) –FR =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





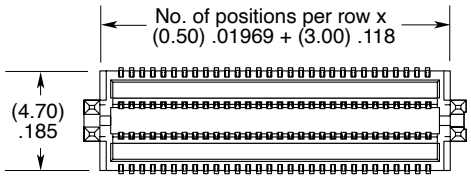
–30 POSITIONS SHOWN

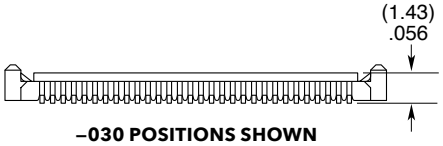




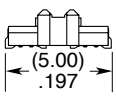
–A OPTION

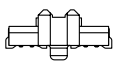
TLH	–	NO. OF POSITIONS	–	LEAD STYLE	–	PLATING OPTION	–	D	–	OPTION	–	OPTION	–	"X"R
		–010, –020, –030 (Per Row)		–0.50 =0.50 mm		–G = 10 µ" (0.25 µm) Gold in contact, Gold flash on tail				–A = Alignment Pin		–K = (3.00 mm) .118" DIA Polyimide Film Pick & Place Pad		(Leave blank for tape & reel) –FR =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





–030 POSITIONS SHOWN





–A OPTION

MATED HEIGHT*

SLH LEAD STYLE	TLH LEAD STYLE
	–0.50
–1.50	(2.00) .0787

*Processing conditions will affect mated height.

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

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.

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