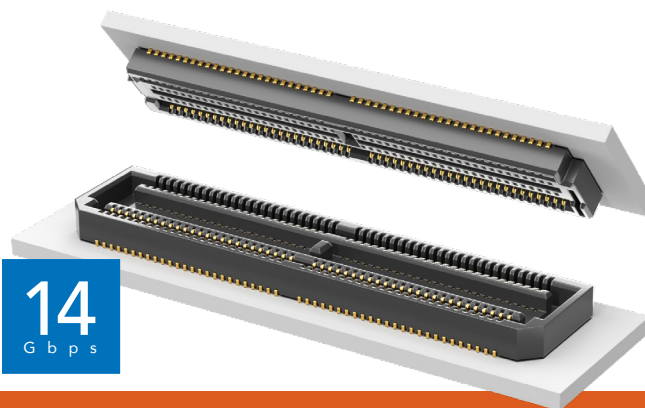


LOW PROFILE BLADE AND BEAM

(0.50 mm) .0197" PITCH • LTH/LSH SERIES

14
G b p s



LTH
Mates:
LSH

LSH
Mates:
LTH

SPECIFICATIONS

Insulator Material:

Liquid Crystal
Polymer

Terminal Material:

Phosphor Bronze

Contact Material:

BeCu

Plating:

Au over 50 μ " (1.27 μ m) Ni

Current Rating:

2.6 A per pin
(2 pins powered)

Voltage Rating:

188 VAC/266 VDC

Operating Temp Range:

-55 °C to +125 °C

PROCESSING

Lead-Free Solderable:

Yes

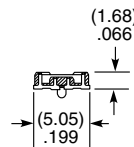
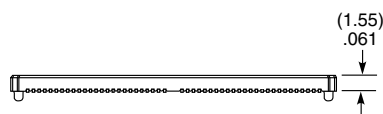
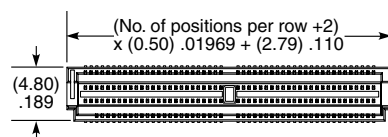
SMT Lead Coplanarity:

(0.10 mm) .004" max

Board Stacking:

For applications requiring more than two connectors per board, contact ipg@samtec.com

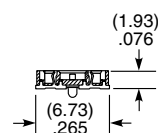
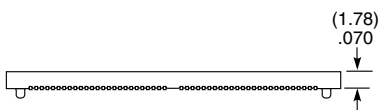
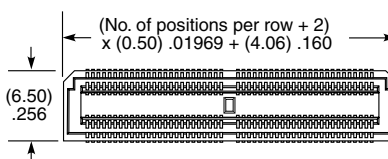
LTH	NO. OF POSITIONS PER ROW	01	PLATING OPTION	D	A	OTHER OPTION
	-010, -020, -030, -040, -050		-G = 10 μ " (0.25 μ m) Gold			-K = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad



-TR
= Tape & Reel

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

LSH	NO. OF POSITIONS PER ROW	01	PLATING OPTION	D	A	OTHER OPTION
	-010, -020, -030, -040, -050		-G = 10 μ " (0.25 μ m) Gold			-K = (7.50 mm) .295" DIA Polyimide film Pick & Place Pad



-TR
= Tape & Reel

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

MATED HEIGHT

LEAD STYLE	MATED HEIGHT*
-01	(2.31 mm) .091"

*Processing conditions will affect mated height.

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