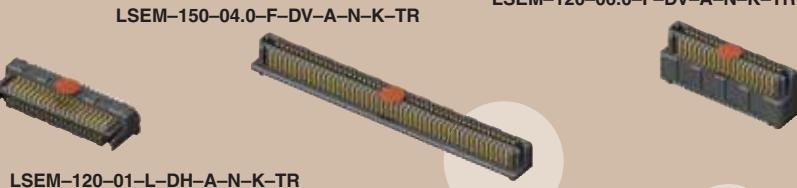




(0,80 mm) .0315"



LSEM SERIES

HIGH SPEED HERMAPHRODITIC STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?LSEM

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50μ" (1.27 μm) Ni

Current Rating:

1.8 A per pin

(2 adjacent pins powered)

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

Board Stacking:

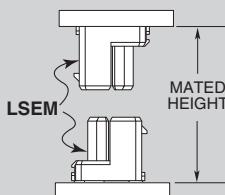
For applications requiring more than two connectors per board, contact ipg@samtec.com

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



APPLICATION



LEAD STYLE	MATED HEIGHT*
-03.0 & -03.0	(6,00) .236
-03.0 & -04.0	(7,00) .276
-04.0 & -04.0	(8,00) .315
-03.0 & -06.0	(9,00) .354
-04.0 & -06.0	(10,00) .394
-06.0 & -06.0	(12,00) .472

*Processing conditions will affect mated height.

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

Mates with:
LSEM



- High retention contacts
- Audible click when mated
- Shrouded

High Speed/High Density

Low cost
Blade &
Beam
contact

Audible click when
properly mated

Self-mating
system can
reduce
inventory costs

Mated height
variety/flexibility

28
+
G bps

Slim
Row-to-Row
design

LSEM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	A	N	K	TR
		20, 30, 40, 50	Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail	-A -D -DH -L = 10μ" (0,25 μm) Gold on contact, Matte Tin on tail	-	-	-	-
				-L = 10μ" (0,25 μm) Gold on contact, Matte Tin on tail	-	-	-	-	-
				-D = Vertical	-	-	-	-	-

LEAD STYLE
Specify LEAD STYLE from chart

PLATING OPTION

-F
= Gold flash
on contact,
Matte Tin on tail

-L
= 10μ" (0,25 μm)
Gold on contact,
Matte Tin on tail

-A
-D
-DH
-L
= 10μ" (0,25 μm)
Gold on contact,
Matte Tin on tail

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