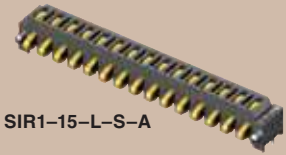


SIB-120-02-F-S



SIR1-15-L-S-A

(2,54 mm) .100"

SIB, SIR1 SERIES

ONE PIECE INTERFACES

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50µ" (1,27 µm) Ni

Current Rating:

2.6 A per pin

(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

Normal Force:

111 grams (1,09 N) per contact

RoHS Compliant: Yes

Processing:

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max (02-19)

(0,15 mm) .005" max (20-30)

RECOGNITIONS

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



FILE NO. E111594

SIB	1	NO. OF POSITIONS	02	PLATING OPTION	S	OPTION
02 thru 30 (Per Row)			-F = Gold flash on contact, Matte Tin on tail			-LC = Locking Clip (Manual placement required)

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIR1

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50µ" (1,27 µm) Ni

Current Rating:

2.8 A per pin

(1 pin powered per row)

Weld Tab:

Phosphor Bronze

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

RECOGNITIONS

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



FILE NO. E111594

SIR1	NO. OF POSITIONS	PLATING OPTION	S	OPTION
-03, -05, -10, -15 (Per Row)		-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-S = 30µ" (0,76 µm) Gold on contact, Matte Tin on tail	-A = Alignment Pin
				-K = (4,00 mm) .157" DIA Polyimide Film Pick & Place Pad
				-TR = Tape & Reel

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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