

(1,00mm) .03937"

SEI, SEL SERIES

SEI-110-02-GF-S-E-TR

SEI-120-02-GF-S

SEL-125-02-LTL-S-TR

SEL-115-01-LTL-S-TR

SEL-110-01-LTL-S-TR

ONE PIECE INTERFACE

SPECIFICATIONS

SEI

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

Insulator Material:

Liquid Crystal Polymer



Contact Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni

Current Rating:

1A @ 80°C ambient

Mating Force:

50g (0,49N) per contact

Voltage Rating:

60 VAC

Cycles:

100 min

Contact Deflection:

(0,46mm) .018" nominal

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (05-25)

(0,15mm) .006" max (30)

SEL

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

Same as SEI except:

Operating Temp Range:

-55°C to +105°C

Contact Deflection:

(0,84mm) .033" nominal

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max

SEI - **1** PINS PER ROW - **02** - **PLATING OPTION** - **S** - **INSERT OPTION** - **ALIGNMENT OPTION** - **OTHER OPTION**

05, 10, 15, 20, 25, 30
(Call Samtec for other sizes)

-G
= 10µ" (0,25µm) Gold

-GF
= 3µ" (0,08µm) Gold flash

Leave blank for Short Version (No screw down inserts or holes)

-E
= #2-56 x 1/16" screw thread

-M
= 2,00mm x 0,40mm screw thread

Leave blank for no Alignment Pin

-AT
= Alignment Pin Top Side

-AB
= Alignment Pin Bottom Side

-TR
= Tape & Reel

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• Threaded insert option

SEL - **1** PINS PER ROW - **LEAD STYLE** - **PLATING OPTION** - **S** - **TR**

10, 15, 20, 25
(Call Samtec for other sizes)

Specify **LEAD STYLE** from chart

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

-FTL
= Gold Flash on contact, Matte Tin on tail

-TR
= Standard Tape & Reel Packaging
125 minimum. Best Buy= Full reels of 1000.

LEAD STYLE	A	B
-01	(0,64) .025	(1,47) .058
-02	(1,27) .050	(2,11) .083

Note: Some lengths, 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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