

(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](http://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](http://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

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

**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

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

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

**-AT**  
= Alignment Pin Top Side

**-AB**  
= Alignment Pin Bottom Side

**-TR**  
= Tape & Reel

**RUGGEDIZED**  
by SAMTEC

• 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

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

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