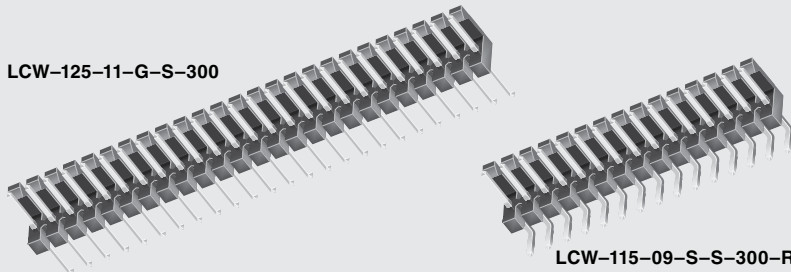




LCW-125-11-G-S-300



LCW-115-09-S-S-300-RE

(2.54mm) .100"

LCW SERIES

# FRICTION LOCK TERMINAL STRIPS

Mates with:  
SSW, SSQ, ESW, ESQ,  
IDSS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?LCW](http://www.samtec.com?LCW)

**Insulator Material:**  
Black Glass Filled Polyester

**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Au or Sn over

50 μm (1.27μm) Ni

**Insulation Resistance:**  
5000 MΩ @ 500 VDC

**Operating Temp Range:**  
-55 °C to 125 °C with Gold

-55 °C to 105 °C with Tin

**Withstanding Voltage:**  
1000 VRMS @ 60 Hz

**Current Rating:**  
3 A

**RoHS Compliant:**  
Yes

## PROCESSING

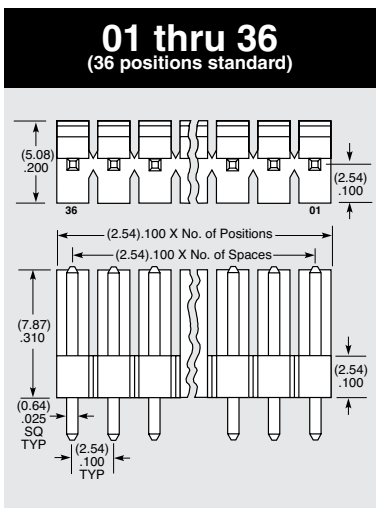
**Lead-Free Solderable:**  
No

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



<b>LCW</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>POST HEIGHT</b>	<b>OPTION</b>
				<b>-L</b> = 10μ" (0.25μm) Gold on post, Matte Tin on tail	<b>-S</b> = Single Row	<b>-XXX</b> = "C" Specify "230" or "300" standard post length from chart below.	<b>-RX</b> = Right Angle (Specify from chart)
				<b>-G</b> = 10μ" (0.25μm) Gold on post, Gold flash on balance	<b>-M</b> = Locking Clip Removed From Each End		<b>-LL</b> = Locking Lead (N/A with Right Angle)
				<b>-S</b> = 30μ" (0.76μm) Gold on post, Matte Tin on tail	<b>ALSO AVAILABLE</b> Locking Socket see <a href="http://www.samtec.com?SSW">www.samtec.com?SSW</a> (Body Style -P)		Two leads crimped in opposite directions on or near centerline. ("A" = 300" or less) N/A w/1 or 2 positions
				<b>-T</b> = Matte Tin			<b>"XX"</b> = Polarized



### Straight Pin Versions

LEAD STYLE	TAIL A	OAL B	POST C
* -07	(2.54) .100	(10.92) .430	
* -08	(5.08) .200	(13.46) .530	
-09	(10.16) .400	(18.54) .730	
-10	(12.70) .500	(21.08) .830	
-11	(15.24) .600	(23.62) .930	
-12	(17.78) .700	(26.16) 1.030	
-13	(22.86) .900	(31.24) 1.230	(5.84) .230
-14	(27.94) 1.100	(36.32) 1.430	
* -15	(7.62) .300	(16.00) .630	
* -16	(2.92) .115	(11.30) .445	
* -17	(3.81) .150	(12.19) .480	
-19	(25.40) 1.000	(33.78) 1.330	
-20	(20.32) .800	(28.70) 1.130	
* -08	(3.30) .130	(13.46) .530	
-09	(10.92) .430	(21.08) .830	
-10	(13.46) .530	(23.62) .930	
-11	(16.00) .630	(26.16) 1.030	
-12	(18.54) .730	(28.70) 1.130	
-13	(21.08) .830	(31.24) 1.230	(7.62) .300
-14	(16.16) .630	(36.32) 1.430	
* -15	(5.84) .230	(16.00) .630	
-19	(23.62) .930	(33.78) 1.330	
-20	(18.54) .730	(28.70) 1.130	

Specify "LEAD STYLE" from chart.

\*Available with -LL (Locking Lead) Option

### Right Angle Versions

LEAD STYLE	-RA & -RR TAIL A	-RE TAIL A	-RP TAIL A	POST C
-09	(6.60) .260	(4.06) .160	(7.62) .300	
-10	(9.14) .360	(6.60) .260	(10.16) .400	
-11	(11.68) .460	(9.14) .360	(12.70) .500	
-12	(14.22) .560	(11.68) .460	(15.24) .600	
-13	(19.30) .760	(16.76) .660	(20.32) .800	(5.84) .230
-14	(24.38) .960	(21.84) .860	(25.40) 1.000	
-15	(4.06) .160	(1.52) .060	(5.08) .200	
-19	(21.84) .860	(19.30) .760	(22.86) .900	
-20	(16.76) .660	(14.22) .560	(17.78) .700	
-09	(4.83) .190	(2.29) .090	(5.84) .230	
-10	(7.37) .290	(4.83) .190	(8.38) .330	
-11	(9.91) .390	(7.37) .290	(10.92) .430	
-12	(12.45) .490	(9.91) .390	(13.46) .530	
-13	(17.53) .690	(14.99) .590	(18.54) .730	(7.62) .300
-14	(22.61) .890	(20.07) .790	(23.62) .930	
-15	(2.29) .090	-	(3.30) .130	
-19	(20.07) .790	(17.53) .690	(21.08) .830	
-20	(14.99) .590	(12.45) .490	(16.00) .630	

Specify "LEAD STYLE" from chart.

OPTION	X
-RA	(1.52) .060
-RE	(4.06) .160
-RP	.025 MAX

OPTION	X
-RR	(1.52) .060
-PR	(0.64) .025 MAX

**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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