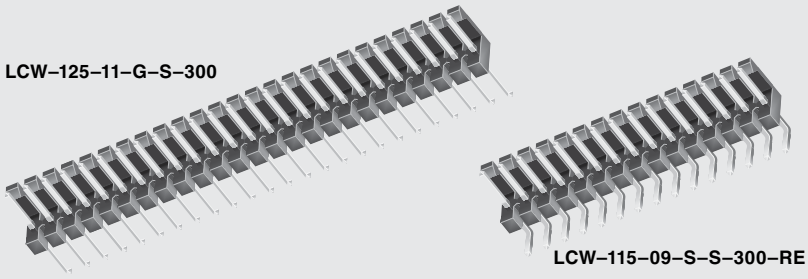
samtec



(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

Insulator Material:
Black Glass Filled Polyester
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (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

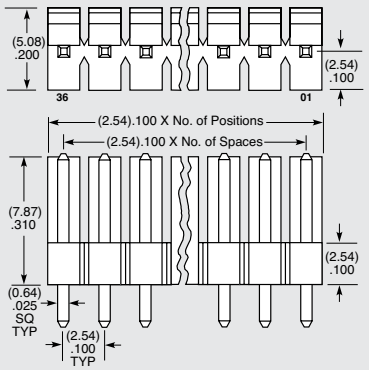
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

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

LCW – 1 – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – ROW OPTION – POST HEIGHT – OPTION

01 thru 36
(36 positions standard)



–L
= 10µ" (0.25µm) Gold on post, Matte Tin on tail

–G
=10µ" (0.25µm) Gold on post, Gold flash on balance

–S
= 30µ" (0.76µm) Gold on post, Matte Tin on tail

–T
= Matte Tin

–S
= Single Row

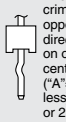
–M
= Locking Clip Removed From Each End

–XXX
= "C"

Specify "230" or "300" standard post length from chart below.

–RX
= Right Angle (Specify from chart)

–LL
= Locking Lead (N/A with Right Angle)

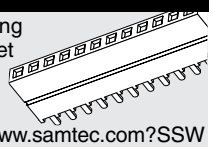


Two leads crimped in opposite directions on or near centerline. ("A"=.300" or less) N/A w/1 or 2 positions

–"XX"
= Polarized

ALSO AVAILABLE

Locking Socket

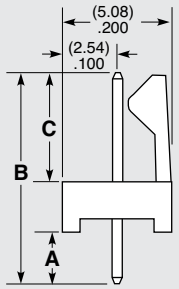


see www.samtec.com?SSW (Body Style -P)

Straight Pin Versions

	LEAD STYLE	TAIL A	OAL B	POST C
*	–07	(2.54) .100	(10.92) .430	(5.84) .230
*	–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	
	–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	(7.62) .300
	–09	(8.38) .330	(18.54) .730	
	–10	(10.92) .430	(21.08) .830	
	–11	(13.46) .530	(23.62) .930	
	–12	(16.00) .630	(26.16) 1.030	
	–13	(21.08) .830	(31.24) 1.230	
	–14	(16.16) .636	(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.

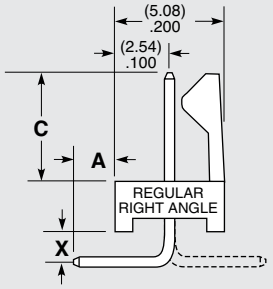


***Available with –LL (Locking Lead) Option**

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	(5.84) .230
–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	
–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	(7.62) .300
–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	
–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.



REGULAR RIGHT ANGLE

OPTION	X
– RA	(1.52) .060
– RE	(4.06) .160
– RP	(0.64) .025 MAX

REVERSE RIGHT ANGLE

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

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

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.