



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



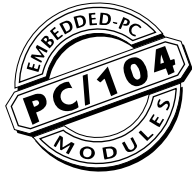
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

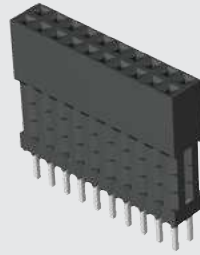
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





(2.54 mm) .100"

ESQ-110-44-T-D



ESW-115-12-G-S



ESQ-132-14-G-D

ESW, ESQ SERIES

ELEVATED SOCKET

Mates with:
TSW, MTSW, EW,
MTLW, TSS, ZSS, TSM,
DW, ZW, HW, TSSH, HTSS

SPECIFICATIONS

For complete specifications see www.samtec.com?ESW or www.samtec.com?ESQ

Insulator Material: Black Glass Filled Polyester

Contact Material: Phosphor Bronze

Plating: Au or Sn over

50 μ" (1.27 μm) Ni

Current Rating (ESW/TSW): 5.2 A per pin

(1 pin powered per row)

Current Rating (ESQ/TSW): 5.7 A per pin

(1 pin powered per row)

Voltage Rating: 550 VAC mated with

TSW or ESQ

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

-55 °C to +105 °C with Tin

Contact Resistance: 10 mΩ

Insertion Depth: (3.68 mm) .145" to

(6.35 mm) .250"

Normal Force: Standard = 125 grams (4.4 N)

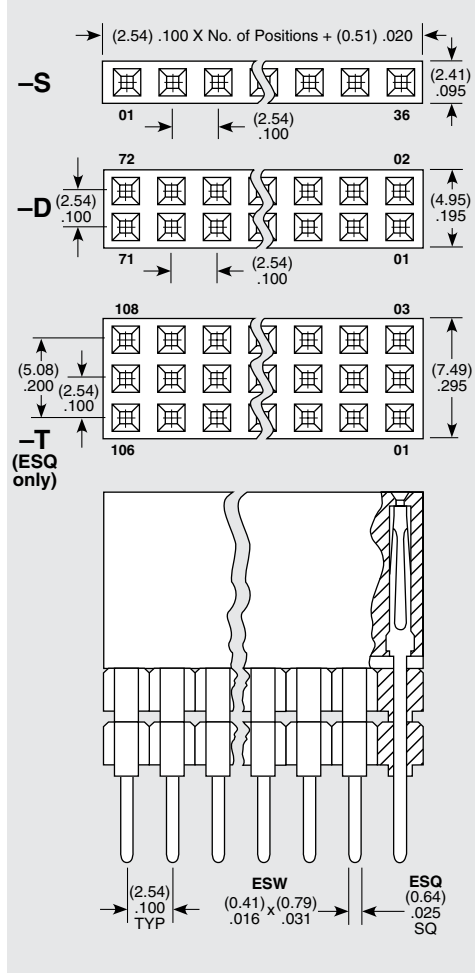
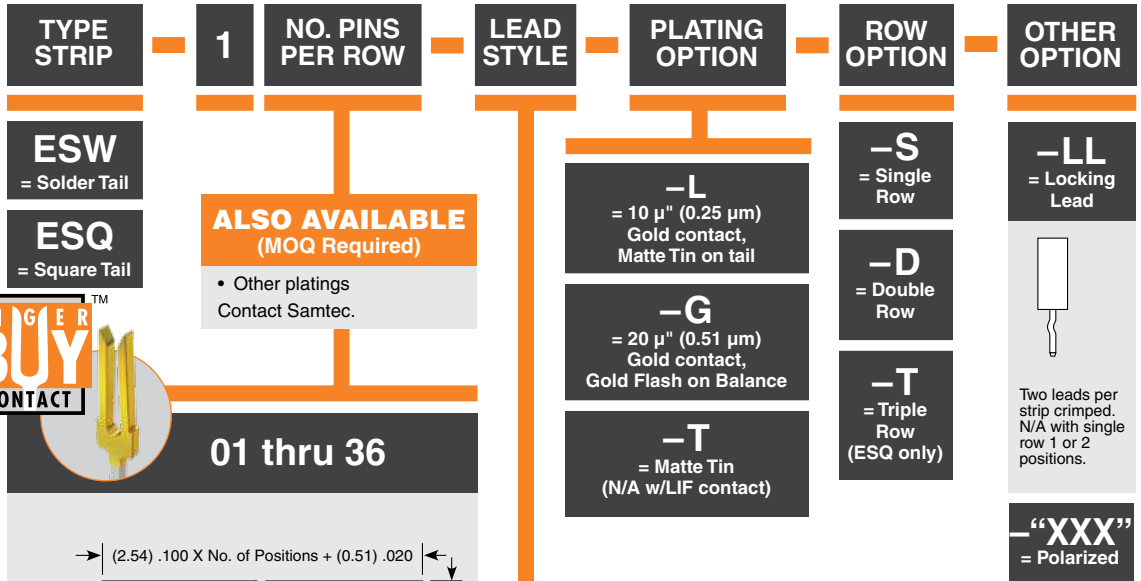
Max Cycles: 100 with 10 μ" (0.25 μm) Au

RoHS Compliant: Yes

Lead-Free Solderable: Wave only

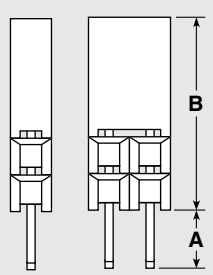
RECOGNITIONS

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

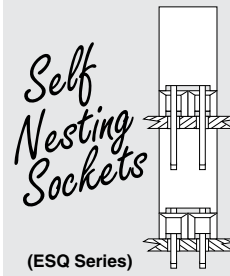
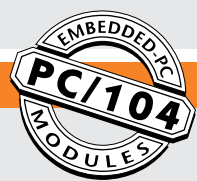


Specify LEAD STYLE from chart below.

STANDARD INSERTION FORCE	LOW INSERTION FORCE	A	B
- 12	- 37	(2.29) .090	(11.05) .435
- 13	- 38	(7.36) .290	
- 23	- 48	(4.83) .190	(13.59) .535
- 33	- 58	(2.29) .090	(16.13) .635
- 14	- 39	(12.19) .480	(11.05) .435
- 24	- 49	(9.65) .380	(13.59) .535
- 34	- 59	(7.11) .280	(16.13) .635
- 44	- 69	(4.57) .180	(18.67) .735



APPLICATIONS



PC/104™ J1/P1 "Stackthrough" Connectors	
Standard Insertion Force	ESQ-132-14-G-D
Low Insertion Force	ESQ-132-39-G-D
PC/104™ J1 "Non-Stackthrough" Connectors	
Standard Insertion Force	ESQ-132-12-G-D
Low Insertion Force	ESQ-132-37-G-D
PC/104™ J2/P2 "Stackthrough" Connectors	
Standard Insertion Force	ESQ-120-14-G-D
Low Insertion Force	ESQ-120-39-G-D

PC/104 is a trademark of the PC/104 Consortium.

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