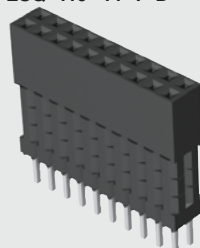
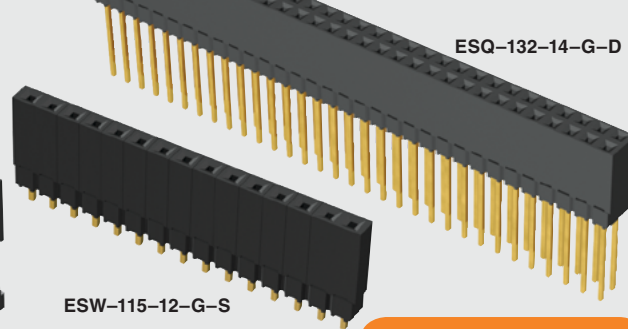


ESQ-110-44-T-D



ESW-115-12-G-S

ESQ-132-14-G-D

**ESW, ESQ SERIES**

ELEVATED SOCKET

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

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

Lead-Free Solderable:
Wave only

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



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- Other platings

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

The diagram illustrates the pin configuration for a 01 thru 36 pin connector. It is organized into columns representing different options:

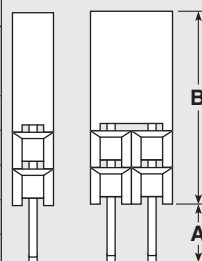
- TYPE STRIP**: Options include **ESW** (Solder Tail) and **ESQ** (Square Tail).
- NO. PINS PER ROW**: Options include **1** and **2**.
- LEAD STYLE**: Options include **—L** (10 μ" (0.25 μm) Gold contact, Matte Tin on tail), **—G** (20 μ" (0.51 μm) Gold contact, Gold Flash on Balance), and **—T** (Matte Tin (N/A w/LIF contact)).
- PLATING OPTION**: Options include **—L** (10 μ" (0.25 μm) Gold contact, Matte Tin on tail), **—G** (20 μ" (0.51 μm) Gold contact, Gold Flash on Balance), and **—T** (Matte Tin (N/A w/LIF contact)).
- ROW OPTION**: Options include **—S** (Single Row), **—D** (Double Row), and **—T** (Triple Row (ESQ only)).
- OTHER OPTION**: Options include **—LL** (Locking Lead) and **—“XXX”** (Polarized).

A note indicates: "Two leads per strip crimped, N/A with single row 1 or 2 positions."

At the bottom, a dimension line shows the pin pitch: $\rightarrow | (2.54) .100 \times \text{No. of Positions} + (0.51) .020 | \leftarrow$.

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



Self Nesting Sockets

(ESQ Series)

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.

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

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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.