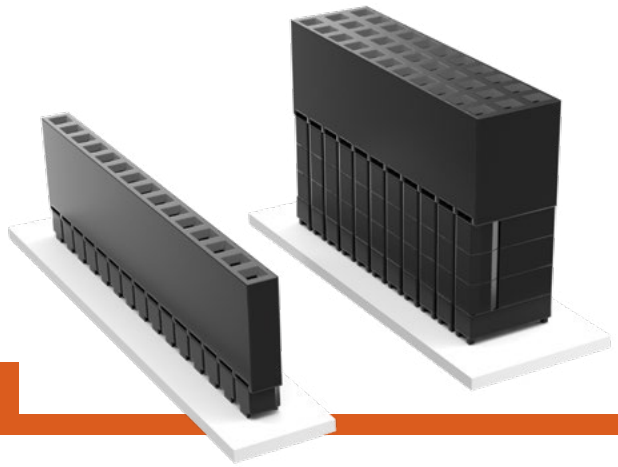
THE DATASHEET OF

ESQ-126-24-G-D

TIGER BUY™ CONTACT

ELEVATED SOCKETS

(2.54 mm) .100" PITCH • ESW/ESQ SERIES



ESW/ESQ

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

SERIES	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION
ESW = Solder Tail **ESQ** = Square Tail			01 thru 36		Specify LEAD STYLE from chart		**–L** = 10 µ" (0.25 µm) Gold contact, Matte Tin on tail **–G** = 20 µ" (0.51 µm) Gold contact, Gold Flash on Balance **–T** = Matte Tin (Not available with LIF contact)		**–S** = Single Row **–D** = Double Row **–T** = Triple Row (ESQ only)		**–LL** = Locking Lead (Two leads per strip crimped. Not available with single row 1 or 2 positions) **"XXX"** = Polarized

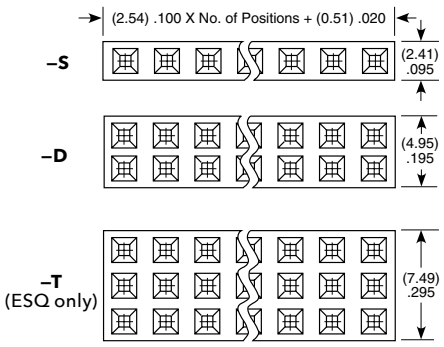
SPECIFICATIONS

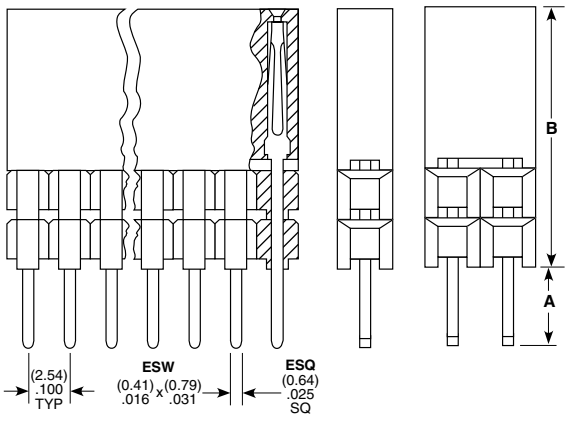
Insulator Material:
Black Glass Filled Polyester
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating (ESW/TSW):
5.2 A per pin
(2 pins powered)
Current Rating (ESQ/TSW):
5.7 A per pin
(2 pins powered)
Voltage Rating:
515 VAC mated with
TSW or ESQ
Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
Insertion Depth:
(3.68 mm) .145" to
(6.35 mm) .250"
Max Cycles:
100 with 10 µ" (0.25 µm) Au

LEAD STYLE			
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

PROCESSING

Lead-Free Solderable:
No, Lead Wave only

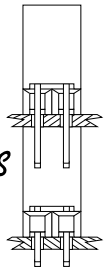




APPLICATIONS

EMBEDDED-PC PC/104 MODULES

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.

ALSO AVAILABLE
MOQ Required

Other Platings

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View ESQ-126-24-G-D on WIN SOURCE
- Samtec Inc. Information

Optimize Your Supply Chain with WIN SOURCE Solutions

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- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management