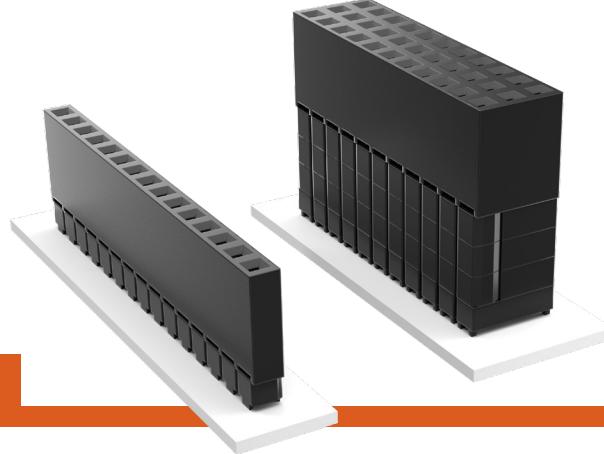


ELEVATED SOCKETS

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



ESW/ESQ

Mates:

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

SPECIFICATIONS

Insulator Material:

Black Glass Filled Polyester

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

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/728 VDC

Insertion Depth:

(3.68 mm).145" to

(6.35 mm).250"

Max Cycles:

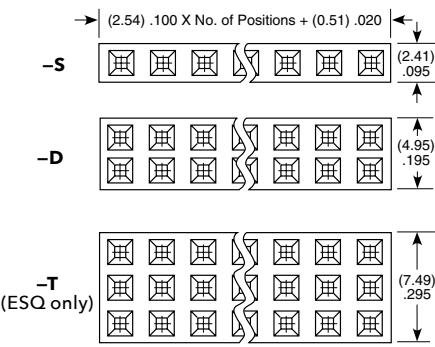
100 with 10 μ " (0.25 μ m) Au

PROCESSING

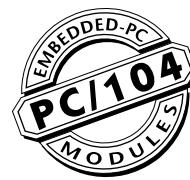
Lead-Free Solderable:

No, Lead Wave only

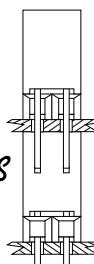
SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
ESW = Solder Tail		01 thru 36	Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail	-S = Single Row	-LL = Locking Lead (Two leads per strip crimped. Not available with single row 1 or 2 positions)
ESQ =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



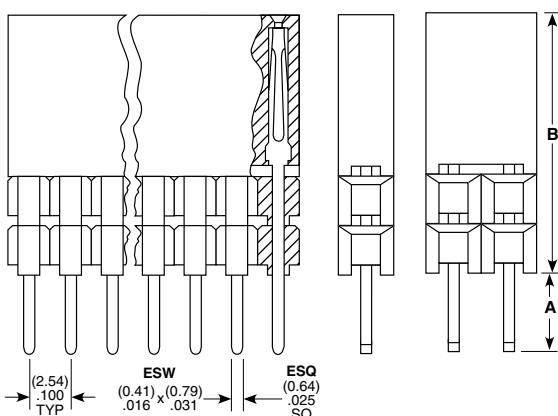
APPLICATIONS



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.

ALSO AVAILABLE

Contact Samtec

Other Platings

Note:

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