

(2.00 mm) .0787"

ESQT-125-02-L-Q-465

ESQT-125-03-M-Q-310

ESQT-115-02-GF-D-600

ESQT SERIES

# FLEXIBLE ELEVATED SOCKET STRIPS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ESQT](http://www.samtec.com?ESQT)

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Sn or Au over

50  $\mu$ " (1.27  $\mu$ m) Ni

**Current Rating (ESQT/TMMH):**

4.5 A per pin

(2 pins powered)

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes, for -S, -D & -Q

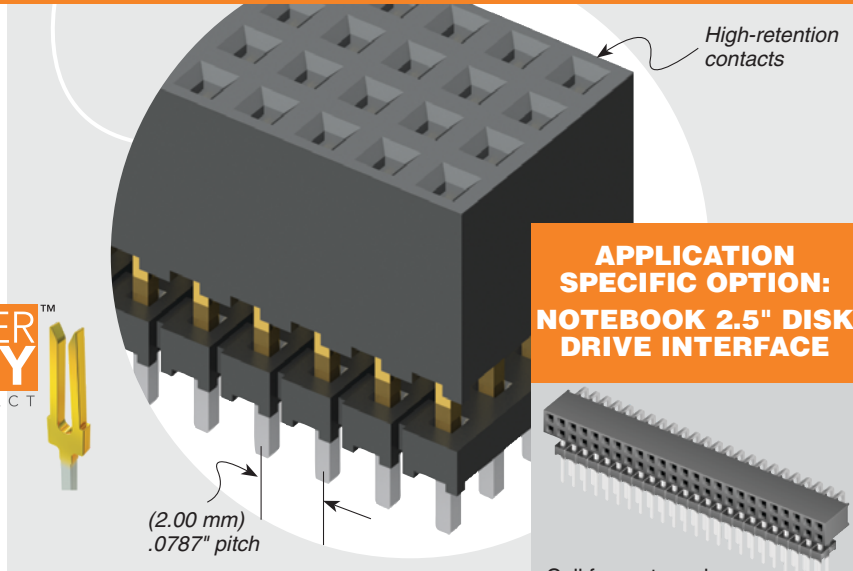
(Wave only for -T, -5 & -6)

### Board Mates:

TMMH, TMM, MTMM,  
MMT, TW, LTMM, ZLTMM,  
ESQT, PTT, TSH, TTMS

### Cable Mates:

TCMD



**APPLICATION  
SPECIFIC OPTION:  
NOTEBOOK 2.5" DISK  
DRIVE INTERFACE**

Call for part number.

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Note:**  
This Series is non-standard,  
non-returnable.

## Other Solutions

### Surface Mount

See SQW and TLE Series.

### Low Profile

See CLT Series.

### High Reliability

See SMM Series.

### Right-Angle

See SQW Series.

### PC/104-Plus™ Sockets

See ESQT-368 and PTHF Series.

| ESQT       | 1 | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION                                                                                                                                                                                                                                                                                                                                                                   | ROW OPTION                                                                                                                                                                              | BODY HEIGHT                                                                                                                           | OTHER OPTION                                                    |
|------------|---|------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 02 thru 50 |   |                  | Specify LEAD STYLE from chart | <b>-F</b><br>= Gold flash on contact, Matte Tin on tail<br><br><b>-L</b><br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on contact, Matte Tin on tail<br><br><b>-M</b><br>= 20 $\mu$ " (0.51 $\mu$ m)<br>Gold on contact, Matte Tin on tail<br><br><b>-GF</b><br>= 15 $\mu$ " (0.38 $\mu$ m)<br>Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only) | <b>-S</b><br>= Single Row<br><br><b>-D</b><br>= Double Row<br><br><b>-T</b><br>= Triple Row<br><br><b>-Q</b><br>= Quad Row<br><br><b>-5</b><br>= Five Row<br><br><b>-6</b><br>= Six Row | <b>"XXX"</b><br>= Body Height (in inches)<br><br>(7.87 mm) .310" minimum for -S, -D, -Q<br><br>(9.53 mm) .375" minimum for -T, -5, -6 | <b>"XXX"</b><br>= Polarized Position (Indicate position number) |

Diagram showing pin pitch and dimensions for ESQT series:

- No. of positions x (2.00) .0787 + (0.30) .012
- 300
- 06
- (2.00) .0787 TYP
- No. of rows x (2.00) .0787
- 295
- 01
- (6.35) .250
- (1.52) .060
- A
- BODY HEIGHT
- TAIL (1.27) .050 MIN
- (0.50) .020 SQ
- (2.00) .0787

| LEAD STYLE | A            | MAX TAIL     | MAX BODY HEIGHT |
|------------|--------------|--------------|-----------------|
| -02        | (21.59) .850 | (13.72) .540 | (20.32) .800    |
| -03        | (11.63) .458 | (3.76) .148  | (10.36) .408    |

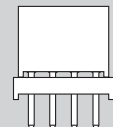
Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.

## OTHER SOLUTIONS



Paste In Hole (PIH) processing.  
Contact Samtec ASP Group.

(Not recommended for stack through applications)