



(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

50µ" (1,27 µm) Ni

### Current Rating (ESQT/TMMH):

4.5 A per pin

(1 pin powered per row)

### Operating Temp Range:

-55°C to +125°C

### Contact Resistance:

10 mΩ

### Insertion Depth:

(2,62 mm) .103" to

(5,03 mm) .198" with

(0,38 mm) .015" wipe

### Max Cycles:

100 with 10µ" (0,25 µm) Au

### Insertion Force:

(Single contact only)

4 oz (1,11 N) avg.

### Withdrawal Force:

(Single contact only)

3 oz (0,83 N) avg.

### RoHS Compliant:

Yes, Lead-Free Solderable:

Yes, for -S, -D & -Q

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

### Mates with:

TMMH, TMM,

MTMM, MMT, TW,

LTMM, ZLTMM, ESQT,

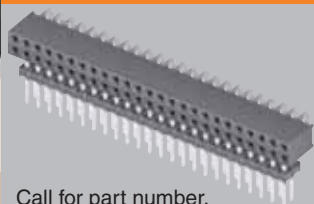
TCMD, PTT, TSH, TMMS



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

High Retention Contacts

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



Call for part number.

## RECOGNITIONS

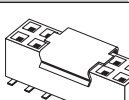
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## Other Solutions

### Surface Mount

See SQW and TLE Series.



### Low Profile

See CLT Series.



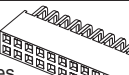
### High Reliability

See SMM Series.



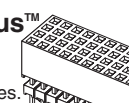
### Right Angle

See SQW Series.



### PC/104-Plus™ Sockets

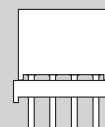
See ESQT-368 and PTHF Series.



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> = Gold flash on contact, Matte Tin on tail  <b>-L</b> = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail  <b>-M</b> = 20µ" (0,51 µm) Gold on contact, Matte Tin on tail  <b>-GF</b> = 15µ" (0,38 µm) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)	<b>-S</b> = Single Row  <b>-D</b> = Double Row  <b>-T</b> = Triple Row  <b>-Q</b> = Quad Row  <b>-5</b> = Five Row  <b>-6</b> = Six Row	<b>"XXX"</b> = Body Height (in inches)  (7,87 mm) .310" minimum for -S, -D, -Q  (9,53 mm) .375" minimum for -T, -5, -6	<b>"XXX"</b> = Polarized Position (Indicate position number)

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

## OTHER SOLUTIONS



Paste In Hole (PIH) processing. Contact Samtec ASP Group. (Not recommended for stack through applications)

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

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