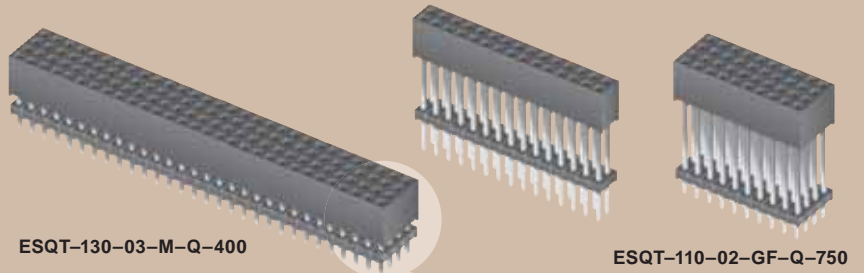




(2.00mm) .0787"

ESQT SERIES



ESQT-130-03-M-Q-400

ESQT-110-02-GF-Q-750

# 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" (1,27µm) Ni

### Operating Temp Range:

-55°C to +125°C

### Contact Resistance:

10 mΩ max

### Insertion Depth:

(2,62mm) .103" to

(5,03mm) .198" with

(0,38mm) .015" wiper

### Max Cycles:

100 with 10µ" (0,25µm) Au

### Insertion Force:

(Single contact only)

4oz (1,11N) avg.

### Withdrawal Force:

(Single contact only)

3oz (0,83N) avg.

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes, for -S, -D & -Q

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



FILE NO. E111594

Mates with:  
TMMH, TMM, MTMM,  
MMT, TW, LTMM,  
ZLTMM, ESQT, TCMD

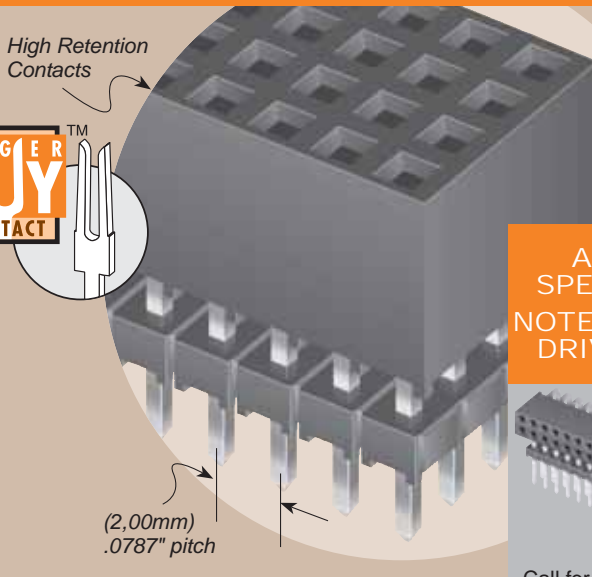


High Retention  
Contacts

CURRENT RATING	
AMBIENT TEMP	Mated with TMMH
20°C	5.8A
40°C	5.1A
60°C	4.5A
95°C	2.9A

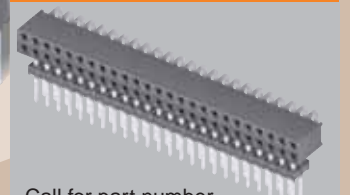
6 POSITIONS (2x3) POWERED

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



(2,00mm) .0787" pitch

APPLICATION SPECIFIC OPTION:  
NOTEBOOK 2.5" DISK DRIVE INTERFACE



Call for part number.

ESQT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	BODY HEIGHT	OTHER OPTION
		02 thru 50	Specify LEAD STYLE from chart	<p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail</p> <p>-M = 20µ" (0,51µm) Gold on contact, Matte Tin on tail</p> <p>-GF = 15µ" (0,38µm) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)</p>	<p>-S = Single Row</p> <p>-D = Double Row</p> <p>-T = Triple Row</p> <p>-Q = Quad Row</p> <p>-5 = Five Row</p> <p>-6 = Six Row</p>	<p>"XXX" = Body Height (in inches)</p> <p>(7,87mm) .310" minimum for -S, -D, -Q</p> <p>(9,53mm) .375" minimum for -T, -5, -6</p>	<p>"XXX" = Polarized Position (Indicate position number)</p>

## Also Available

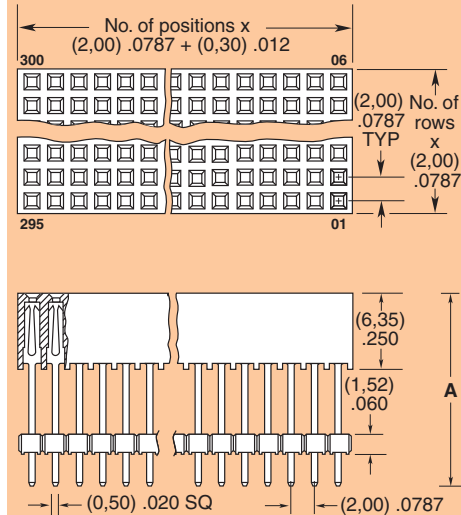
**Surface Mount**  
See SQW and TLE Series.

**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.



ALSO AVAILABLE

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

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.

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