



(2,00 mm) .0787"

ESQT-125-03-M-Q-310

ESQT-125-02-L-Q-465

ESQT-115-02-GF-D-600

ESQT SERIES

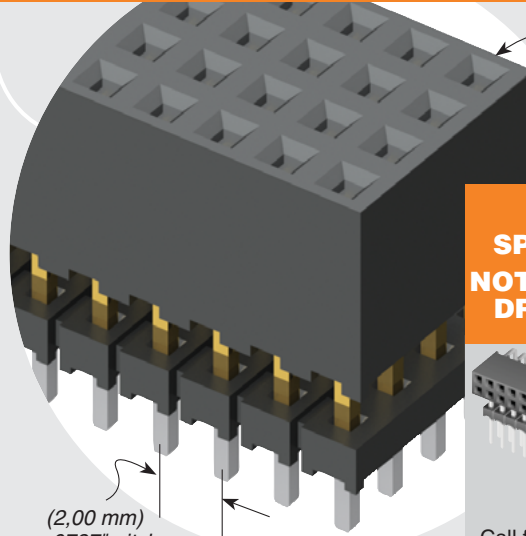
# FLEXIBLE ELEVATED SOCKET STRIPS

## SPECIFICATIONS

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

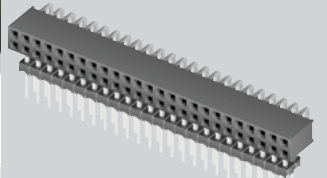
- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** Phosphor Bronze
- Plating:** Sn or Au over 50µ" (1,27 µm) Ni
- Current Rating (ESQT/TMMH):** 4.5 A per pin (1 pin powered per row)
- Operating Temp Range:** -55°C to +125°C
- Contact Resistance:** 10 mΩ
- Insertion Depth:** (2,62 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



High Retention Contacts

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



Call for part number.

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

(2,00 mm) .0787" pitch

## RECOGNITIONS

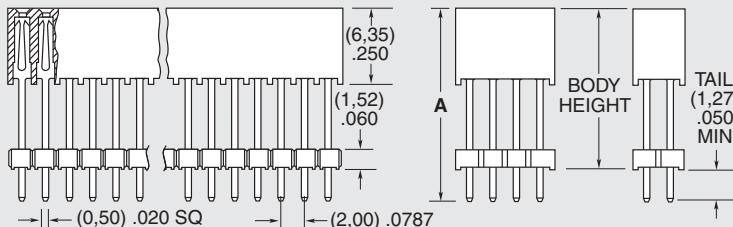
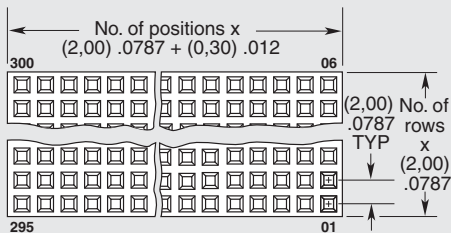
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



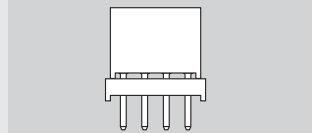
## Other Solutions

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



## OTHER SOLUTIONS



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

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