



(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

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" wiper

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, for -S, -D & -Q

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

Mates with:

TMMH, TMM,

MTMM, MMT, TW,

LTMM, ZLTMM, ESQT,

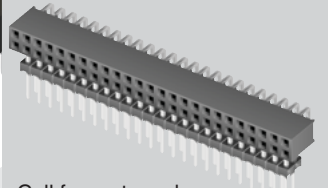
TCMD, PTT, TSH, TMMS



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

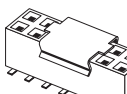
For complete scope of recognitions see www.samtec.com/quality



Other Solutions

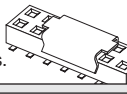
Surface Mount

See SQW and TLE Series.



Low Profile

See CLT Series.



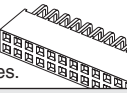
High Reliability

See SMM Series.



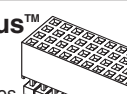
Right Angle

See SQW Series.

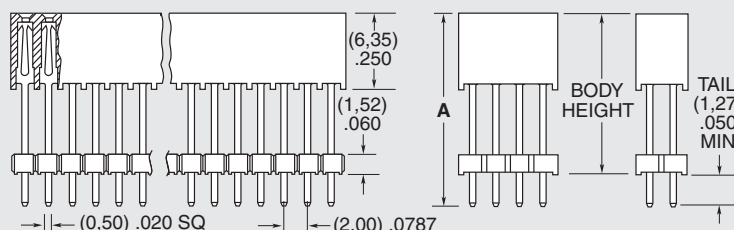
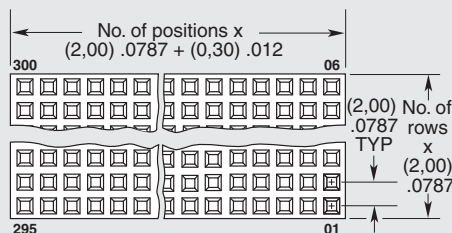


PC/104-Plus™ Sockets

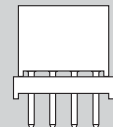
See ESQT-368 and PTHF Series.



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



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