



(2,00 mm) .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

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27 µm) Ni

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



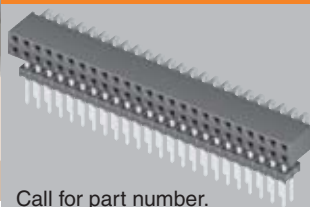
CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	Mated with TMMH
20°C	5.8A
40°C	5.1A
60°C	4.5A
95°C	2.9A
6 POSITIONS (2x3) POWERED	

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

High Retention Contacts

(2,00 mm) .0787" pitch

APPLICATION SPECIFIC OPTION:
NOTEBOOK 2.5" DISK DRIVE INTERFACE

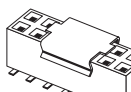


Call for part number.

Also Available

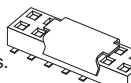
Surface Mount

See SQW and TLE Series.



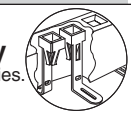
Low Profile

See CLT Series.



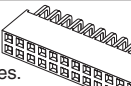
High Reliability

See SMM Series.



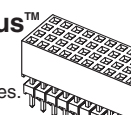
Right Angle

See SQW Series.



PC/104-Plus™ Sockets

See ESQT-368 and PTHF Series.



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)

No. of positions x (2,00) .0787 + (0,30) .012

300 06 (2,00) No. of rows .0787 TYP x (2,00) .0787

295 01

(6,35) .250

(1,52) .060

(0,50) .020 SQ

(2,00) .0787

A BODY HEIGHT TAIL (1,27) .050 MIN

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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