

(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

50 μ " (1.27 μ m) Ni

Current Rating (ESQT/TMMH):

4.5 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

Max Cycles:

100 with 10 μ " (0.25 μ m) Au

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes, for -S, -D & -Q

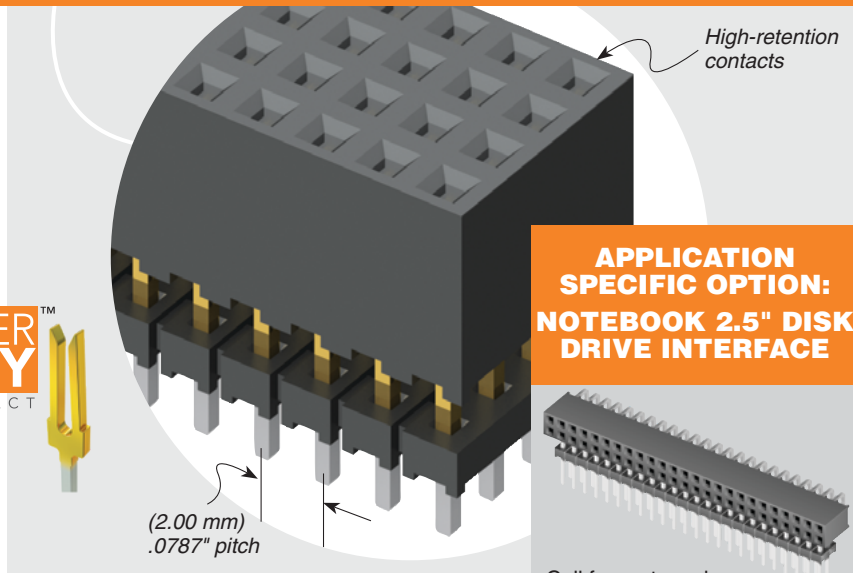
(Wave only for -T, -5 & -6)

Board Mates:

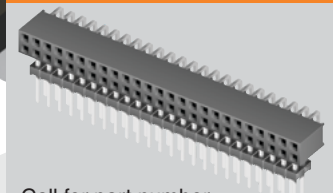
TMMH, TMM, MTMM,
MMT, TW, LTMM, ZLTMM,
ESQT, PTT, TSH, TMMS

Cable Mates:

TCMD



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



Call for part number.

RECOGNITIONS

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

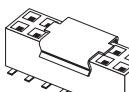


Note:
This Series is non-standard,
non-returnable.

Other Solutions

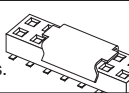
Surface Mount

See SQW and TLE Series.



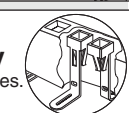
Low Profile

See CLT Series.



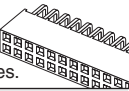
High Reliability

See SMM Series.



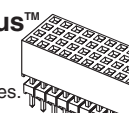
Right-Angle

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
			Specify LEAD STYLE from chart				
		02 thru 50					
				-F = Gold flash on contact, Matte Tin on tail	-S = Single Row	-“XXX” = Body Height (in inches)	-“XXX” = Polarized Position (Indicate position number)
				-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	-D = Double Row	(7.87 mm) .310" minimum for -S, -D, -Q	
				-M = 20 μ " (0.51 μ m) Gold on contact, Matte Tin on tail	-T = Triple Row	(9.53 mm) .375" minimum for -T, -5, -6	
				-GF = 15 μ " (0.38 μ m) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)	-Q = Quad Row		
					-5 = Five Row		
					-6 = Six Row		

No. of positions x (2.00) .0787 + (0.30) .012

300 06

(2.00) .0787 TYP

No. of rows x (2.00) .0787

295 01

(6.35) .250

(1.52) .060

A

BODY HEIGHT

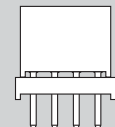
TAIL (1.27) .050 MIN

(0.50) .020 SQ

(2.00) .0787

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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.