

FLEXIBLE ELEVATED SOCKET STRIPS

SPECIFICATIONS

For complete specifications see www.samtec.com?ESQT

ESQT SERIES

Insulator Material: Black Liquid Crystal Polymer

Contact Material: Phosphor Bronze

Plating: Sn or Au over Sin of Adover 50μ" (1,27μm) Ni Operating Temp Range: -55°C to +125°C Contact Resistance:

10 m Ω max Insertion Depth:

(2,62mm) .103" to (5,03mm) .198" with (0,38mm) .015" wipe

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)

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

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.

High Retention Contacts CONTACT APPLICATION **SPECIFIC OPTION:** NOTEBOOK 2.5" DISK DRIVE INTERFACE (2,00mm).0787" pitch Call for part number.

NO. PINS LEAD PER ROW **STYLE**

PLATING OPTION

ROW **OPTION**

-D

Row

-Т

= Triple

Row

-Q

= Quad

Row

BODY HEIGHT

OTHER OPTION

"XXX"

= Polarized

Position

(Indicate

position

number)

02 thru 50

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

Specify LEAD STYLE from chart

Gold flash on contact, Matte Tin on tail

> = 10µ" (0,25µm) Gold on contact Matte Tin on tail

–M = 20µ" (0,51µm) Gold on contact Matte Tin on tail

–GF

-S "XXX" = Single = Body Row Height (in inches)

(7,87mm)= Double .310" minimum for -S, -D, -Q

(9,53mm) .375"

minimum for -T, -5, -6

ALSO AVAILABLE



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

	EAD TYLE	Α	MAX TAIL	MAX BODY HEIGHT
ŀ	-02	(21,59) .850	(13,72) .540	(20,32) .800
ŀ	-03	(11,63) .458	(3,76) .148	(10,36) .408

Also Available

Surface Mount See SQW and

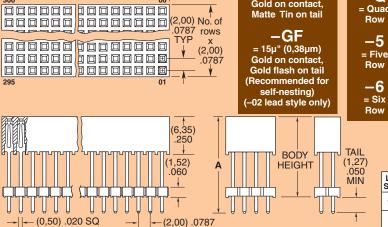
TLE Series.



High Reliability See SMM Series







Due to technical progress, all designs, specifications and components are subject to change without notice.

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