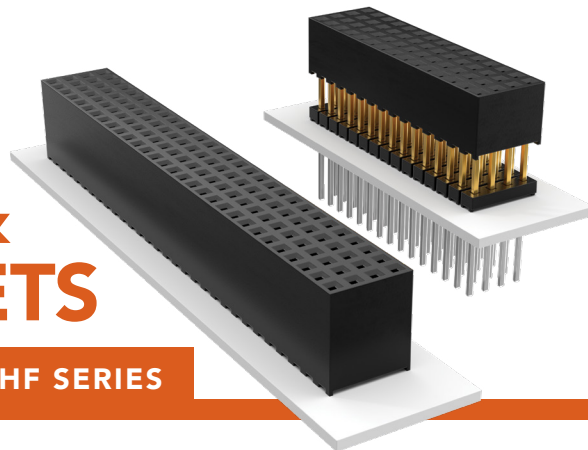


FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(2.00 mm) .0787" PITCH • ESQT/ESQT (-368)/PTHF SERIES



ESQT

Board Mates:

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

Cable Mates:

TCMD

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating (ESQT/TMMH):

4.5 A per pin

(2 pins powered)

Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

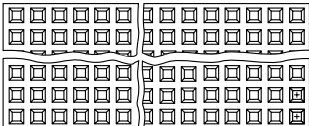
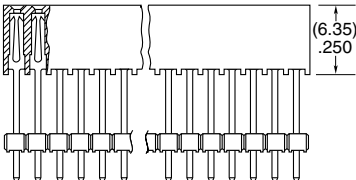
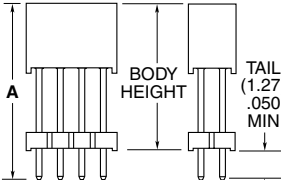
Max Cycles:

100 with 10 μ " (0.25 μ m) Au

Lead-Free Solderable:

Yes, for -S, -D & -Q

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

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 = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail -M = 20 μ" (0.51 μm) Gold on contact, Matte Tin on tail -GF = 15 μ" (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 (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  No. of rows x (2.00) .0787  <table><thead><tr><th>LEAD STYLE</th><th>A</th><th>MAX TAIL</th><th>MAX BODY HEIGHT</th></tr></thead><tbody><tr><td>-02</td><td>(21.59) .850</td><td>(13.72) .540</td><td>(20.32) .800</td></tr><tr><td>-03</td><td>(11.63) .458</td><td>(3.76) .148</td><td>(10.36) .408</td></tr></tbody></table> A 								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
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																

ESQT (-368)/PTHF

Mates:

ESQT, PTHF

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer (ESQT-368)

Black High Temp Nylon (PTHF)

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +125 °C

Max Cycles:

100 with 10 μ " (0.25 μ m) Au

Lead-Free Solderable:

Yes (ESQT-368)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368															
ESQT = Solder Tails		30	Specify LEAD STYLE from chart	-GF = 15 μ" (0.38 μm) Gold on contact, Gold flash on tail (-02 Lead Style only)																	
PTHF = Press-fit Tails				-M = 20 μ" (0.51 μm) Gold on contact, Matte Tin on tail (-03 Lead Style only)																	
<table><tr><th>LEAD STYLE</th><th colspan="2">ESQT</th><th colspan="2">PTHF</th></tr><tr><td>-02</td><td>(21.59) .850</td><td>(12.24) .482</td><td>(21.59) .850</td><td>(12.24) .482</td></tr><tr><td>-03</td><td>(11.63) .458</td><td>(2.29) .090</td><td>(12.34) .486</td><td>(3.00) .118</td></tr></table>							LEAD STYLE	ESQT		PTHF		-02	(21.59) .850	(12.24) .482	(21.59) .850	(12.24) .482	-03	(11.63) .458	(2.29) .090	(12.34) .486	(3.00) .118
LEAD STYLE	ESQT		PTHF																		
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<table><tr><td colspan="3">ESQT (-368) SERIES</td><td colspan="2">PTHF SERIES</td></tr></table>							ESQT (-368) SERIES			PTHF SERIES											
ESQT (-368) SERIES			PTHF SERIES																		

TOOLING

Press-Fit
CAT-PT-130-A-4

For more information, visit
www.samtec.com/tooling

Note:

This Series is non-standard, non-returnable.