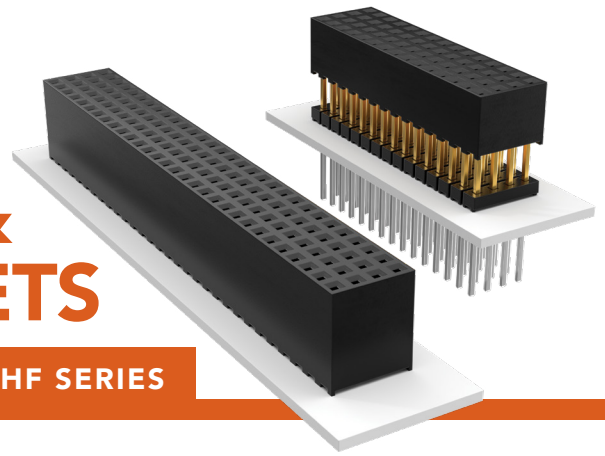


FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(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 $^{\circ}$ C to +125 $^{\circ}$ 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 μ m) Gold on contact, Matte Tin on tail -M = 20 μ " (0.51 μ m) Gold on contact, Matte Tin on tail -GF = 15 μ " (0.38 μ m) 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

(6.35) .250

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

TAIL (1.27) .050 MIN

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 $^{\circ}$ C to +125 $^{\circ}$ 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		30	Specify LEAD STYLE from chart	-GF = 15 μ " (0.38 μ m) Gold on contact, Gold flash on tail (-02 Lead Style only) -M = 20 μ " (0.51 μ m) Gold on contact, Matte Tin on tail (-03 Lead Style only)		
PTHF						

EMBEDDED-PC
PC/104
MODULES

(60.30) 2.374

(8.00) .315

(9.35) .368

TAIL (1.27) .050 MIN

LEAD STYLE	ESQT	PTHF
-02	(21.59) .850	(12.24) .482
-03	(11.63) .458	(3.00) .118

TAIL (1.27) .050 MIN

TAIL (1.27) .050 MIN

TAIL (1.27) .050 MIN

TAIL (1.27) .050 MIN

TOOLING

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

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

Note:

This Series is non-standard,
non-returnable.