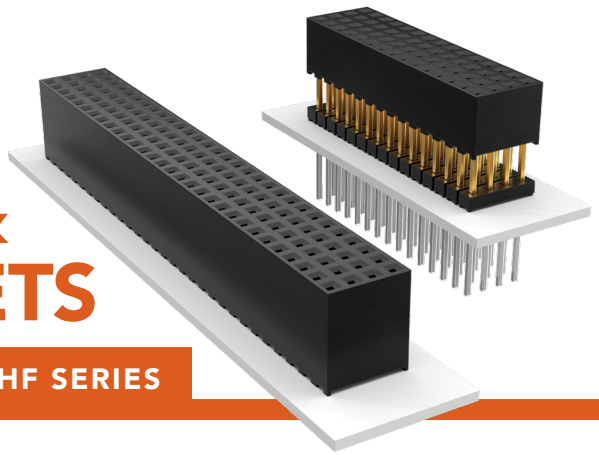
chanhvinh.com

TIGER BUY™ CONTACT

FLEXIBLE ELEVATED & SELF-NESTING SOCKETS



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

ESQT

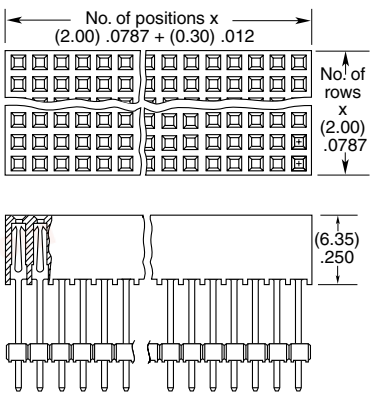
Board Mates:
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, ESQT, PTT, TSH, TMMS

Cable Mates:
TCMD

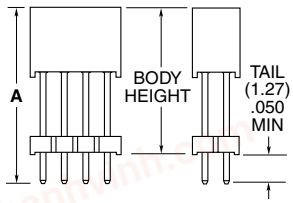
ESQT	– 1	NO. PINS PER ROW	– LEAD STYLE	– PLATING OPTION	– ROW OPTION	– BODY HEIGHT	– OTHER OPTION
		02 thru 50	Specify LEAD STYLE from chart	–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail –M = 20 µ" (0.51 µm) Gold on contact, Matte Tin on tail –GF = 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 (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)

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:
Sn or Au over
50 µ" (1.27 µm) 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 µm) Au
Lead–Free Solderable:
Yes, for -S, -D & -Q
(Wave only for -T, -5 & -6)



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

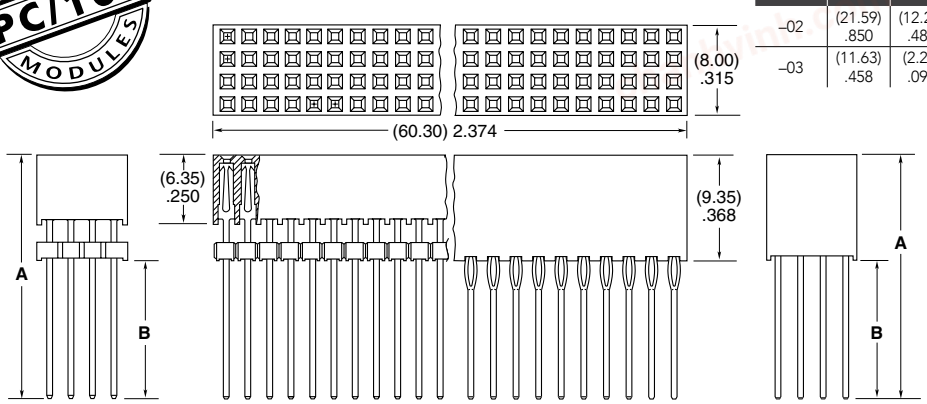
SERIES	– 1	NO. PINS PER ROW	– LEAD STYLE	– PLATING OPTION	– Q	– 368
ESQT = Solder Tails PTHF = Press-fit Tails		30	Specify LEAD STYLE from chart	–GF = 15 µ" (0.38 µm) Gold on contact, Gold flash on tail (–02 Lead Style only) –M = 20 µ" (0.51 µm) Gold on contact, Matte Tin on tail (–03 Lead Style only)		

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 µm) Ni
Operating Temp Range:
-55 °C to +125 °C
Max Cycles:
100 with 10 µ" (0.25 µm) Au
Lead–Free Solderable:
Yes (ESQT-368)

EMBEDDED-PC PC/104 MODULES

LEAD STYLE	ESQT A	ESQT B	PTHF A	PTHF B
–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



ESQT (–368) SERIES

PTHF SERIES

TOOLING

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

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

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.