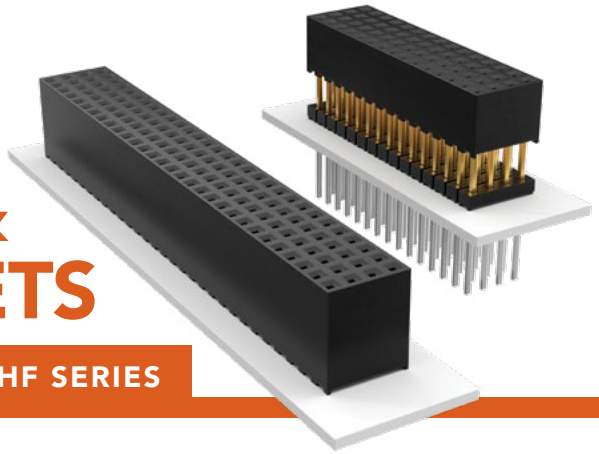
TIGER BUY™ CONTACT

FLEXIBLE ELEVATED & SELF-NESTING SOCKETS



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

ESQT

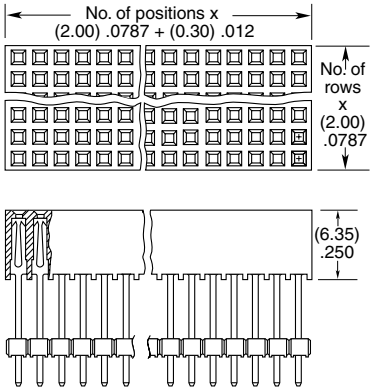
Board Mates:
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, ESQT, PTT, TSH, TMMS

Cable Mates:
TCMD

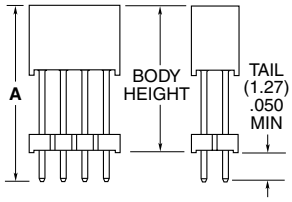
ESQT	– 1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	BODY HEIGHT	OTHER OPTION
		02 thru 50	Specify LEAD STYLE from chart	–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail –M = 20 µ" (0.51 µm) Gold on contact, Matte Tin on tail –GF = 15 µ" (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
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 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

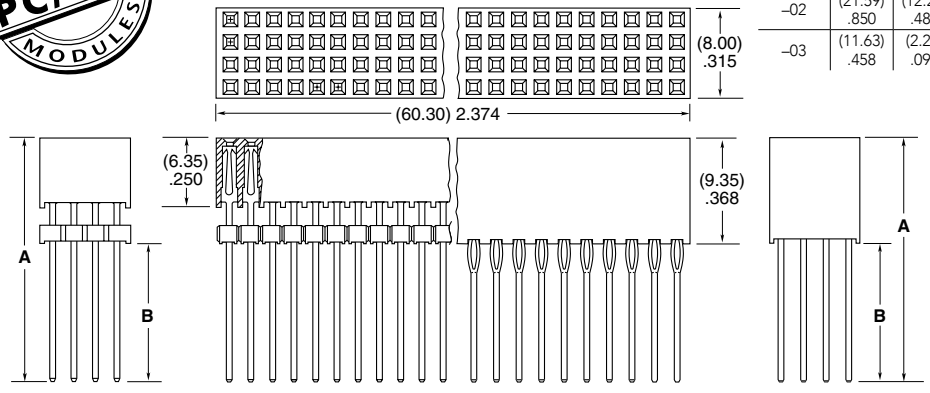
SERIES	– 1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368
ESQT = Solder Tails PTHF = Press-fit Tails		30	Specify LEAD STYLE from chart	–GF = 15 µ" (0.38 µm) Gold on contact, Gold flash on tail (–02 Lead Style only) –M = 20 µ" (0.51 µm) Gold on contact, Matte Tin on tail (–03 Lead Style only)		

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.

samtec.com?ESQT or samtec.com?PTHF

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.

Mouser Electronics

Authorized Distributor

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Samtec:

PTHF-130-03-M-Q-368 PTHF-130-02-GF-Q-368 PTHF-130-02-G-Q-368 PTHF-115-03-M-Q-368 PTHF-116-02-G-Q-368 PTHF-105-02-G-Q-368 PTHF-110-03-M-Q-368 PTHF-108-03-M-Q-368 PTHF-114-02-G-Q-368 PTHF-104-02-G-Q-368 PTHF-110-02-G-Q-368 PTHF-130-03-H-Q-368 PTHF-130-03-MM-Q-368 PTHF-102-02-G-Q-368 PTHF-103-03-M-Q-368 PTHF-105-03-M-Q-368 PTHF-108-02-G-Q-368 PTHF-127-02-G-Q-368 PTHF-120-02-G-Q-368 PTHF-120-03-M-Q-368 PTHF-115-03-H-Q-368 PTHF-112-02-GF-Q-368 PTHF-106-02-GF-Q-368 PTHF-103-03-H-Q-368 PTHF-115-02-G-Q-368 PTHF-126-02-G-Q-368 PTHF-112-03-M-Q-368 PTHF-120-02-GF-Q-368 PTHF-126-02-GF-Q-368