

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
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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)

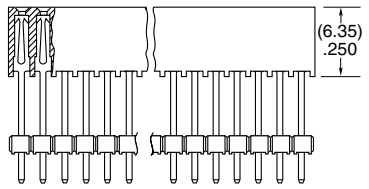
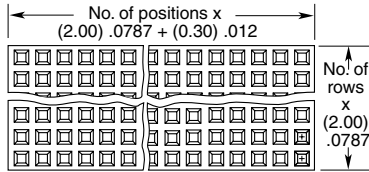
(7.87 mm) .310" minimum for -S, -D, -Q

(9.53 mm) .375" minimum for -T, -5, -6

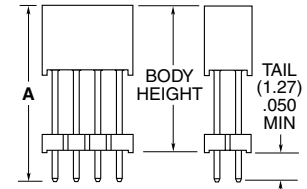
"XXX"
= Polarized Position (Indicate position number)

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
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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
Normal Force:
60 grams (0.59 N) average
Max Cycles:
100 with 10 μ" (0.25 μm) Au
Lead-Free Solderable:
Yes (ESQT-368)

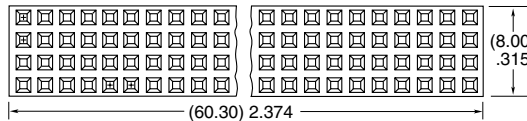
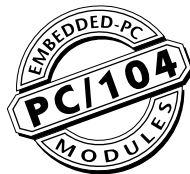
ESQT
= Solder Tails
PTHF
= Press-fit Tails

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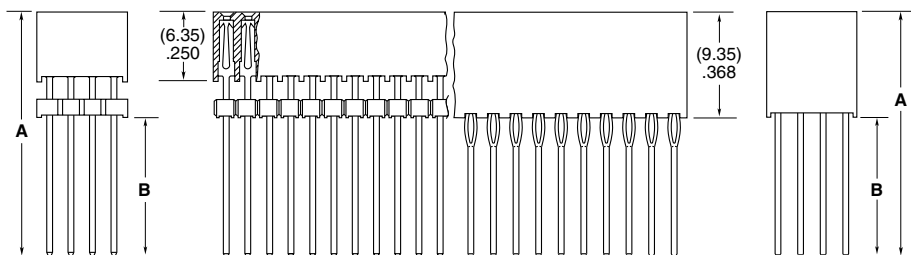
Specify **LEAD STYLE** from chart

-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)



LEAD STYLE	ESQT		PTHF	
	A	B	A	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-130-A-4
For more information, visit www.samtec.com/tooling

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

Mouser Electronics

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[ESQT-106-02-L-D-680](#)