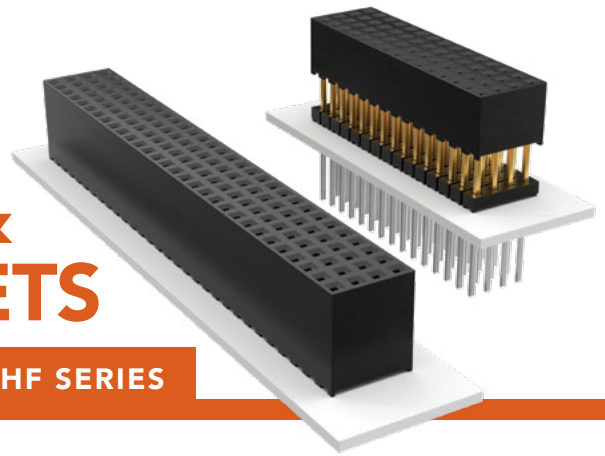


# FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(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  $\mu$ " (1.27  $\mu$ m) 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

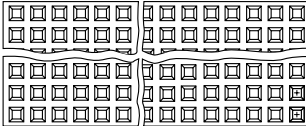
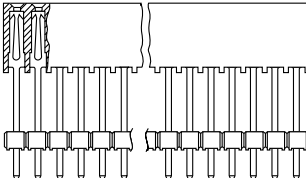
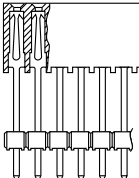
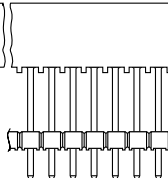
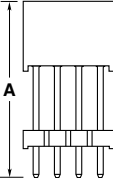
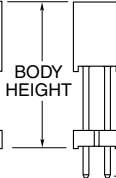
### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ 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	<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail</p> <p><b>-M</b> = 20 μ" (0.51 μm) Gold on contact, Matte Tin on tail</p> <p><b>-GF</b> = 15 μ" (0.38 μm) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p> <p><b>-T</b> = Triple Row</p> <p><b>-Q</b> = Quad Row</p> <p><b>-5</b> = Five Row</p> <p><b>-6</b> = Six Row</p>	<p><b>- "XXX"</b> = Body Height (in inches) (7.87 mm) .310" minimum for -S, -D, -Q (9.53 mm) .375" minimum for -T, -5, -6</p>	<p><b>- "XXX"</b> = Polarized Position (Indicate position number)</p>												
<div><div><div>No. of positions x (2.00) .0787 + (0.30) .012</div><div></div></div><div><div>No. of rows x (2.00) .0787</div><div></div></div></div> <div><div></div><div></div></div>																			
<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>				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	<div><div></div><div></div></div> <div><div>BODY HEIGHT</div><div>TAIL (1.27) .050 MIN</div></div>			
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  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Normal Force:

60 grams (0.59 N) average

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ 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
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ESQT (-368) SERIES				PTHF SERIES																	

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