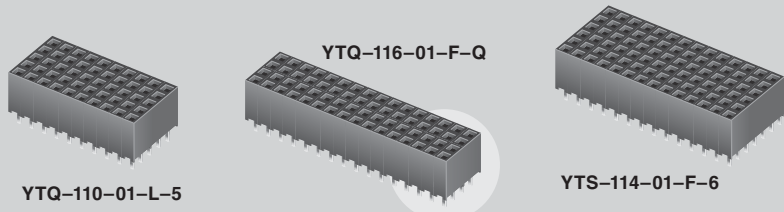




(2,00mm) .0787"

YTS, YTQ SERIES



# HIGH DENSITY SOCKET

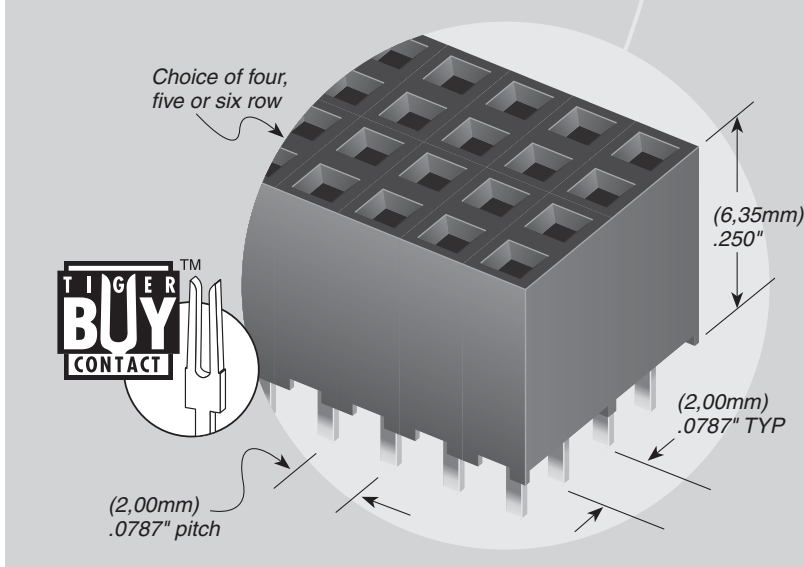
## SPECIFICATIONS

For complete specifications see [www.samtec.com?YTS](http://www.samtec.com?YTS) or [www.samtec.com?YTQ](http://www.samtec.com?YTQ)

- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** Phosphor Bronze
- Operating Temp Range:** -55°C to +125°C
- Plating:** Sn or Au over 50µ" (1,27µm) Ni
- Contact Resistance:** 10 mΩ max
- Insertion Depth:** (2,62mm) .103" to (5,03mm) .198"
- Insertion Force:** (Single contact only) 1.8oz (0,50N) average
- Withdrawal Force:** (Single contact only) 1.0oz (0,28N) average
- Max Cycles:** 100 with 10µ" (0,25µm) Au
- RoHS Compliant:** Yes



Mates with:  
YTT, YTW, YTE, TMMS



- Processing (YTS):** Lead-Free Solderable: Wave Only
- Processing (YTQ):** Lead-Free Solderable: Wave or reflow with Matte Sn plating

CURRENT RATING	
AMBIENT TEMP	Mated with YTT
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

**TYPE SOCKET**

**YTS**  
= Flat Tail (Style -01 only)

**YTQ**  
= Square Tail

**1**

**NO. PINS PER ROW**

**02 thru 50**

**LEAD STYLE**

Specify LEAD STYLE from chart

**PLATING OPTION**

**-L**  
=10µ" (0,25µm) Gold contact, Matte Tin on tail

**-F**  
=Gold flash on contact, Matte Tin on tail

**ROW OPTION**

**-Q**  
= Four Row

**-5**  
= Five Row

**-6**  
= Six Row

**OTHER OPTION**

**-“XXX”**  
=Polarized Position (Indicate position number)

LEAD STYLE	A
-01	(2,29) .090
-02	(15,24) .600
-03	(5,28) .208

TYPE SOCKET	B
YTS	(0,25) x (0,51) .010 x .020
YTQ	(0,51) .020 SQ

Note: Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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