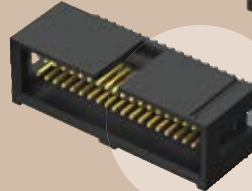




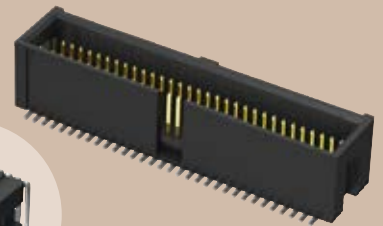
(1,27 mm) .050"

TML SERIES

TML-108-02-G-D-SM



TML-120-01-L-D-RA



TML-132-02-L-D-SM

# SHROUDED MICRO HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?TML](http://www.samtec.com?TML)

**Insulator Material:**

Black Liquid

Crystal Polymer

**Insulation Resistance:**

5000 MΩ min

**Terminal Material:**

Phosphor Bronze

**Plating:**

Au or Sn over

50μ" (1,27 μm) Ni

**Current Rating:**

1A per contact

**Operating Temp Range:**

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

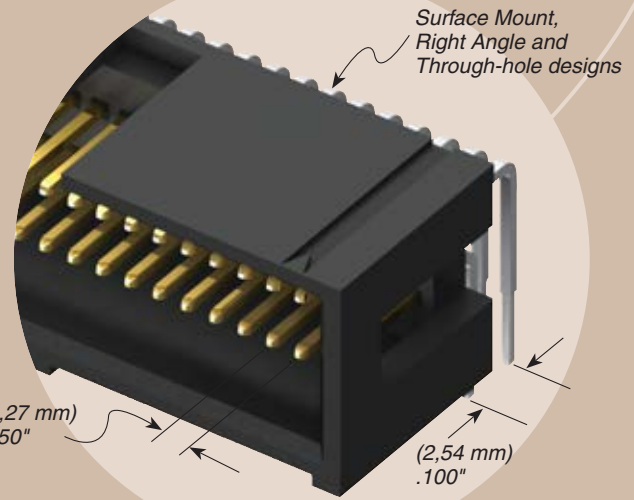
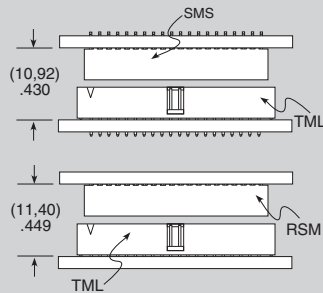
**SMT Lead Coplanarity:**

(0,15 mm) .006" max



Mates with:  
SMS, RSM

## APPLICATIONS



Surface Mount,  
Right Angle and  
Through-hole designs

TML	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	TAIL OPTION	OTHER OPTION								
			Specify LEAD STYLE from chart	<p><b>-L</b> = 10μ" (0,25 μm) Gold on post, Matte Tin on tail</p> <p><b>-G</b> = 10μ" (0,25 μm) Gold on post, Gold flash on tail</p>		<p><b>-RA</b> = Right Angle</p> <p><b>-SM</b> = Surface Mount (For locking clip add -LC)</p>	<p><b>- "XXX"</b> = Polarized position (Specify position of omitted pin)</p>								
		-05, -08, -10, -20, -32 (Call Samtec for other sizes)		<p>Note: Other Gold plating options available. Contact Samtec.</p> <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>POST HEIGHT (A)</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(3,05) .120</td> </tr> <tr> <td>-02</td> <td>(5,84) .230</td> </tr> <tr> <td>-03</td> <td>(4,32) .170</td> </tr> </tbody> </table>	LEAD STYLE	POST HEIGHT (A)	-01	(3,05) .120	-02	(5,84) .230	-03	(4,32) .170		<p>Surface Mount</p>	
LEAD STYLE	POST HEIGHT (A)														
-01	(3,05) .120														
-02	(5,84) .230														
-03	(4,32) .170														
			<p>Through-Hole</p>	<p>Right Angle</p>											

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)