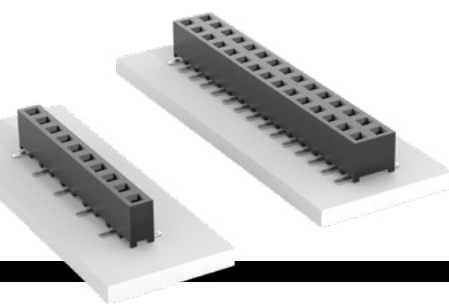




**THE DATASHEET OF  
SMM-109-02-S-D**





**(2.00 mm) .0787" PITCH • TIGER EYE™ SOCKET**

SMM	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTIONS
		02 thru 40		<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>-S</b> = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>-XX"</b> = Polarized Position</p> <p><b>-K</b> = (5.50 mm) .217" DIA Polyimide Film Pick &amp; Place Pad (2 positions minimum, -02 thru -05 requires -TR)</p> <p><b>-P</b> = Plastic Pick &amp; Place Pad (-02 thru -05 requires -TR)</p> <p><b>-TR</b> = Tape &amp; Reel Packaging (27 positions maximum)</p> <p><b>-FR</b> = Full Reel Tape &amp; Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (27 positions maximum)</p>

**SMM**  
**Board Mates:**  
 TMM, TMMH, MTMM, MMT, LTMM, TW, PTT, ZLTMM  
**Cable Mates:**  
 TCMD

**SPECIFICATIONS**

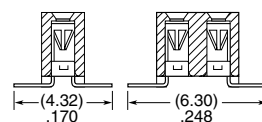
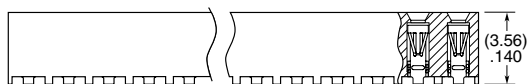
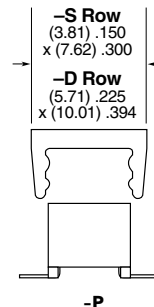
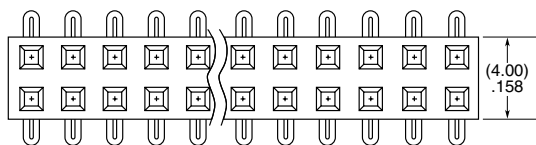
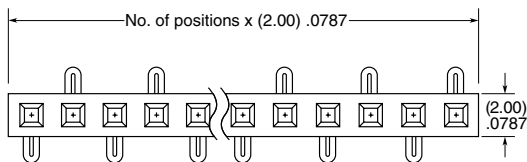
**Insulator Material:**  
 Black Liquid Crystal Polymer  
**Contact Material:**  
 BeCu  
**Plating:** Sn or Au over  
 50 μ" (1.27 μm) Ni  
**Current Rating (TMM/SMM):**  
 3.2 A per pin  
 (2 pins powered)  
**Voltage Rating:**  
 350 VAC  
**Operating Temp Range:**  
 -55 °C to +125 °C  
**Insertion Depth:**  
 (3.05 mm) .120" to  
 (3.25 mm) .128"  
**Max Cycles:**  
 100 with 10 μ" (0.25 μm) Au

**PROCESSING**

**Lead-Free Solderable:**  
 Yes  
**SMT Lead Coplanarity:**  
 (0.10 mm) .004" max

**ALSO AVAILABLE**  
 MOQ Required

Locking Clip  
 (Manual placement required)  
 Other platings





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

View complete specifications at: [samtec.com?SMM](http://samtec.com?SMM)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View SMM-109-02-S-D on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management